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1980
Vital
Statistics
Annual Report

Center for Health Statistics
Department of Health
Richmond

COMMONWEALTH of VIRGINIA
Department of Health
Richmond, Va. 23219

JAMES B. KENLEY, M.D.
COMMISSIONER

The Honorable Charles S. Robb
Governor of Virginia
Richmond, Virginia

Dear Governor Robb:

It is a pleasure to present the sixty-eighth vital statistics annual report of the Department of Health for calendar year 1980.

Vital records data are summarized in a narrative description followed by detailed statistical tables, many of which contain data for cities, counties, and planning districts. This report is used by Federal, State, and local officials, persons doing research in public health, and others who need extensive and comparative health statistics.

Data provided in this report reveal the nature and extent of Virginia's health problems and can be used to measure the successful impact of the Department's health care programs on the health of the citizens of the Commonwealth.

Respectfully submitted,

James B. Kenley, M.D.
State Health Commissioner

VIRGINIA DEPARTMENT OF HEALTH

1980

VITAL STATISTICS ANNUAL REPORT

CENTER FOR HEALTH STATISTICS
DIVISION OF VITAL RECORDS AND HEALTH STATISTICS
RICHMOND, VIRGINIA

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VITAL STATISTICS

VITAL STATISTICS

INTRODUCTION

Vital Statistics data for Virginia for the year 1980 are given in this Statistical Annual Report, the sixty-eighth in the series. Data regarding births and deaths have been compiled each year since 1913, the year following the establishment of the Bureau (now Division) of Vital Records and Health Statistics. Marriage data are available for each year since 1917, and divorce statistics have been recorded and tabulated since 1918.

In this narrative, the data are described and briefly analyzed. Following this, the vital statistics are presented in tabular form showing trends experienced in Virginia for the twenty-year period 1961-1980. For 1980 events, detailed tables containing information for the State and for independent cities and counties are also included. Cities and counties are grouped into twenty-two State planning districts, and planning district totals are also given.

Most tabulations are based on births, deaths, natural fetal deaths, induced abortions, marriages, and divorces recorded in the Division of Vital Records and Health Statistics and known births and deaths of Virginia residents which occurred outside the State. Since resident data reflect local conditions, more of the material in this vital statistics report is presented by place of residence rather than by place of occurrence of the event. The title of each table of data on births, deaths, natural fetal deaths, induced abortions, and marriages specifies whether the tabulation is compiled by place of occurrence or by place of residence. The divorce data are presented by city or county where the court granted the divorce.

DEFINITIONS

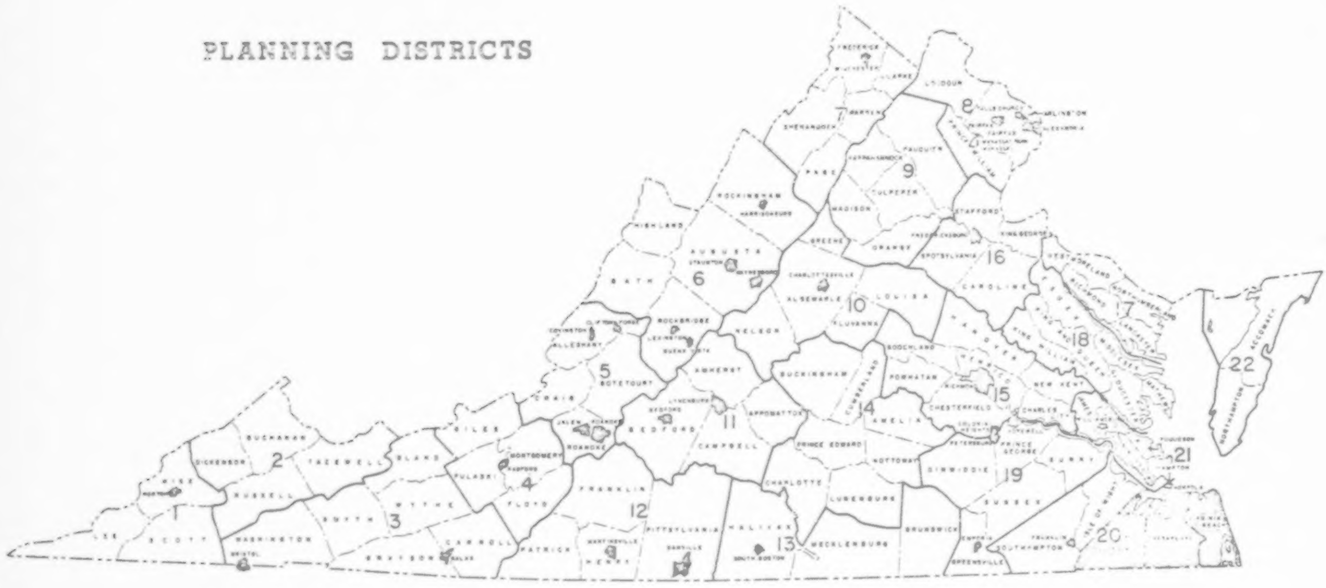
Residence is the city or county where the deceased resided for a death, where the mother resides for a birth, or where the patient resides for a natural fetal death or induced abortion. Deaths and births in resident institutions are allocated to the place of previous residence regardless of length of stay in the institution. Marriages are tabulated according to the city or county of residence for both the bride and the groom.

White and nonwhite breakdowns are given for most data. "White" includes persons reported as Mexican and Puerto Rican and those not specifically designated as nonwhite. "Nonwhite" includes Negro, a reported mixture of Negro with any other race, and all other nonwhite races and mixtures. For marriage and divorce figures, white and nonwhite refer to the race of the groom. For birth and fetal death data, white and nonwhite refer to the race of the mother.

A live birth is defined as the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.7)

An immature birth, frequently called premature birth, is one for which the birthweight is 2,500 grams (5 pounds 8 ounces) or less, regardless of the period of gestation.

PLANNING DISTRICTS



DIVISION OF LOCAL AND REGIONAL PLANNING

CITIES AND COUNTIES BY PLANNING DISTRICT, VIRGINIA, 1980

Planning District Number		Planning District Number		Planning District Number		Planning District Number	
	INDEPENDENT CITIES	13	South Boston	2	Dickenson	10	Nelson
8	Alexandria	6	Staunton	19	Dinwiddie	15	New Kent
11	Bedford	20	Suffolk	18	Essex	22	Northampton
3	Bristol	20	Virginia Beach	8	Fairfax	17	Northumberland
6	Buena Vista	6	Waynesboro	9	Fauquier	14	Nottoway
10	Charlottesville	21	Williamsburg	4	Floyd	9	Orange
20	Chesapeake	7	Winchester	10	Fluvanna	7	Page
5	Clifton Forge			12	Franklin	12	Patrick
19	Colonial Heights			7	Frederick	12	Pittsylvania
5	Covington		COUNTIES	4	Giles	15	Powhatan
12	Danville	22	Accomack	18	Gloucester	14	Prince Edward
19	Emporia	10	Albemarle	15	Goochland	19	Prince George
8	Fairfax	5	Alleghany	3	Grayson	8	Prince William
8	Falls Church	14	Amelia	10	Greene	4	Pulaski
20	Franklin	11	Amherst	19	Greensville	9	Rappahannock
16	Fredericksburg	11	Appomattox	13	Halifax	17	Richmond
3	Galax	8	Arlington	15	Hanover	5	Roanoke
21	Hampton	6	Augusta	15	Henrico	6	Rockbridge
6	Harrisonburg	6	Bath	12	Henry	6	Rockingham
19	Hopewell	11	Bedford	6	Highland	2	Russell
6	Lexington	3	Bland	20	Isle of Wight	1	Scott
11	Lynchburg	5	Botetourt	21	James City	7	Shenandoah
8	Manassas	13	Brunswick	16	King George	3	Smyth
8	Manassas Park	2	Buchanan	18	King and Queen	20	Southampton
12	Martinsville	14	Buckingham	18	King William	16	Spotsylvania
21	Newport News	11	Campbell	17	Lancaster	16	Stafford
20	Norfolk	16	Caroline	1	Lee	19	Surry
1	Norton	3	Carroll	8	Loudoun	19	Sussex
19	Petersburg	15	Charles City	10	Louisa	2	Tazewell
21	Poquoson	14	Charlotte	14	Lunenburg	7	Warren
20	Portsmouth	15	Chesterfield	9	Madison	3	Washington
4	Radford	7	Clarke	18	Mathews	17	Westmoreland
15	Richmond	5	Craig	13	Mecklenburg	1	Wise
5	Roanoke	9	Culpeper	18	Middlesex	3	Wythe
5	Salem	14	Cumberland	4	Montgomery	21	York

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An illegitimate birth is one which occurred to a mother who was not married to the father of the child at the time of birth and had not been married to him at any time during the preceding 10 months.

A fetal death is defined as the death caused by induced abortion or the death prior to the complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (Vital Statistics Laws of Virginia, Chapter 7, Section 32.1-249.2)

Induced abortion is a fetal death where the pregnancy has been deliberately terminated with the purpose of producing a nonviable fetus. Molar and ectopic pregnancies are excluded.

A natural fetal death is a fetal death that is not an induced abortion.

Infant deaths are deaths of children under one year of age. Neonatal deaths are deaths of children under 28 days of age. Hebdomadal deaths are deaths of children under one week of age.

The underlying cause of death, by which all deaths are classified, may be defined as (a) the disease or injury which initiated the train of morbid events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury. It is the responsibility of the certifying physician or medical examiner to indicate the underlying cause, and it is the responsibility of the nosologists in the Center for Health Statistics to assign the proper code number from the Ninth Revision, International Classification of Diseases, so that deaths may be classified by underlying cause. Because of the classification revision, cause-of-death figures beginning with 1979 data are not entirely comparable with those of earlier years.

In order to compare death rates from certain causes for the years 1979-1980 with the death rates for a year or years during the period 1969-1978, the estimated number of deaths from these causes during the early year or years must be derived by the use of comparability ratios which were computed by the National Center for Health Statistics from the results of dual coding of certificates according to the old and the new procedures. The comparability ratios are the number of deaths classified to a given cause by the Ninth Revision divided by the number of deaths classified to that cause by the Eighth Revision. Comparability ratios have been published by the National Center for Health Statistics in the Monthly Vital Statistics Report, Vol. 28, No. 11, Supplement, February 29, 1980.

Rates used in this report are defined below:

$$\text{Birth rate} = \frac{\text{Number of live births X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Death rate} = \frac{\text{Number of deaths X 1,000}}{\text{Estimated total midyear population}}$$

$$\text{Infant death rate} = \frac{\text{Number of deaths under one year of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Neonatal death rate} = \frac{\text{Number of deaths under 28 days of age X 1,000}}{\text{Total number of live births}}$$

$$\text{Perinatal death rate} = \frac{\text{(Number of deaths under one week of age + number of fetal deaths 28 weeks and over gestation) X 1,000}}{\text{Total number of live births + number of fetal deaths 28 weeks and over gestation}}$$

$$\text{Maternal death rate} = \frac{\text{Number of maternal deaths X 100,000}}{\text{Total number of live births}}$$

Death rates by cause, other than the maternal rate, are calculated per 100,000 estimated population.

Resident rates refer to births or deaths of residents of Virginia (or a planning district, city or county) and are based on estimated total population, or total live births of the State. No city, county, or planning district resident marriage or resident divorce rates are published in this report. The marriage rates and divorce rates for the State given in Table 3 include all marriages performed in Virginia and all divorces granted in Virginia courts and are calculated per 1,000 estimated population.

A "resident" marriage rate has limited meaning because there is at present no interstate exchange of marriage records, hence no way of knowing how many residents of Virginia are married in other states. Furthermore, the bride and the groom may be residents of two different Virginia localities. According to Virginia law, one party of a divorce must be a resident of this State for a year prior to the commencement of the suit. Because fourteen independent cities do not have separate courts but share a court with the adjoining county, there are no separate divorce figures for these cities. (See Table 55) Furthermore, local divorce rates for the areas just described would have to be based upon the population of the combined city and county concerned.

The median is defined as the middle observation of a distribution. It is that figure for which 50 percent of the observations are below and 50 percent are above in value.

Total population data by city and county for 1980, as shown in Table 2, were taken from the publication PHC-V-48 issued March, 1981 by the Bureau of the Census, U.S. Department of Commerce. Note that these advance count 1980 census figures may be revised by the Bureau of the Census in the future.

INTERPRETATION OF DATA

Collection. In Virginia, all birth, fetal death, and death certificates are filed in the local health department of the county or independent city where the event occurred by hospitals, physicians, midwives, and funeral directors. Each local health office forwards the records semi-monthly to the Division. Marriage certificates and divorce abstracts are transmitted monthly to the Division by clerks of the various city and county courts.

Interstate exchange of vital records. An interstate exchange of birth and death certificates provides a count of out-of-state events occurring to Virginia residents. These figures are included in the resident data for Virginia cities and counties. Likewise, copies of certificates of events occurring in Virginia to non-residents are sent to the proper states. Since a large number of births to northern Virginia residents occur in District of Columbia hospitals, the number of out-of-state births to Virginia residents greatly exceeds the number of non-resident births occurring in the State. Out-of-state deaths also outnumber resident deaths, but by a much smaller margin.

LOCATION OF BIRTH OR DEATH

Location	Births, 1980			Deaths, 1980		
	Total	White	Nonwhite	Total	White	Nonwhite
Occurring in Virginia	75,338	55,375	19,963	41,855	32,198	9,657
Residents of Virginia	73,293	53,620	19,673	39,929	30,568	9,361
Residents of other areas	2,045	1,755	290	1,926	1,630	296
Occurring to Virginia residents	78,423	58,047	20,376	42,496	32,865	9,631
In Virginia	73,293	53,620	19,673	39,929	30,568	9,361
Out-of-state	5,130	4,427	703	2,567	2,297	270

Completeness of registration. When the Census of Population was taken for 1950, tests were made to determine the completeness of birth registration in each state. At the time, Virginia's reporting was estimated to be 97.3 percent complete (98.0 percent for white births, 95.1 percent for nonwhite). With the steady increase in the percent of births occurring in hospitals since 1950, especially among the nonwhite, it is assumed that the reporting of births is more complete than ever before.

The completeness of registration of other vital records has never been studied to any great extent; however, indications are favorable in regard to the reporting of these records. Death registration is considered more complete than birth registration since other legal requirements must be met.

Fetal death registration will probably improve since increasing attention is directed to the relationship of natural fetal deaths and early infant deaths. The liberalization of abortion laws has also increased the number of reported cases.

Late filing of records. All vital records for the report year which are received prior to the deadline cutoff date in the following year are included in the annual statistics. Deadline cutoff dates are March 1 for marriages and divorces, April 1 for deaths, and May 1 for births and fetal deaths. Late registrations not included in annual statistics are, therefore, small in number.

Tabulation of data by residence and by place of occurrence. Resident data are presented for the State, for planning districts, and for counties and independent cities on all vital events except divorces. Recorded data which are obtained by classifying the vital records according to the place of occurrence are shown for births, deaths, marriages, and divorces. Considerable use is made of recorded data in planning hospital and clinic facilities in a given community.

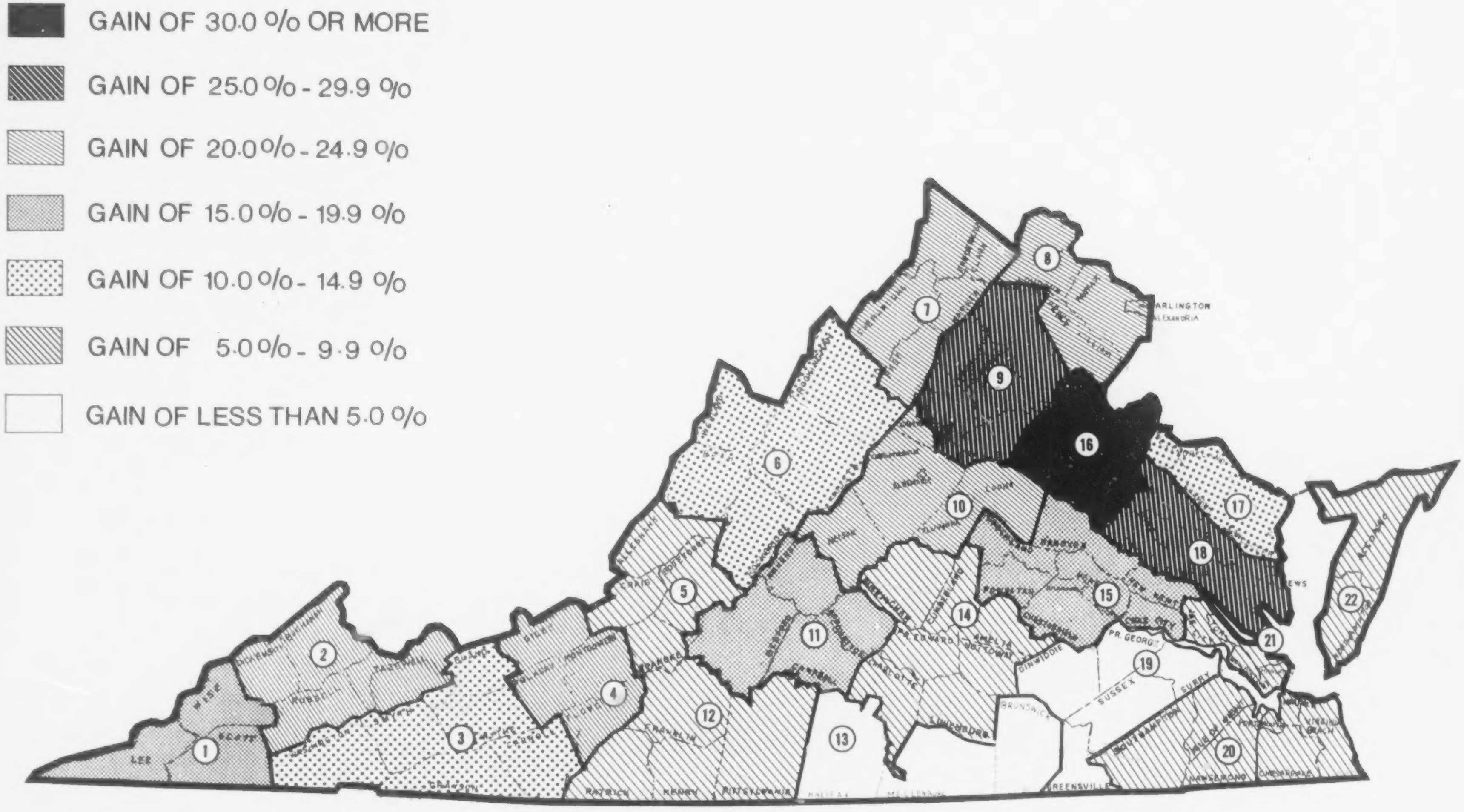
Summary of Vital Events. Data indicate that on an average day in 1980:

214 Virginia residents were born
116 Virginia residents died
165 marriages occurred in Virginia
65 divorces occurred in Virginia.

CHART A

PERCENTAGE POPULATION CHANGE BY PLANNING DISTRICTS

VIRGINIA 1970—1980


GAIN OF 30.0 o/o OR MORE
GAIN OF 25.0 o/o - 29.9 o/o
GAIN OF 20.0 o/o - 24.9 o/o
GAIN OF 15.0 o/o - 19.9 o/o
GAIN OF 10.0 o/o - 14.9 o/o
GAIN OF 5.0 o/o - 9.9 o/o
GAIN OF LESS THAN 5.0 o/o
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19
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21
22
ARLINGTON
ALEXANDRIA
LEE
SCOTT
WISE
RUSSELL
GRAYSON
CRAIG
PATRICK
HENRY
PITTSYLVANIA
HALIFAX
MECKLENBURG
CHARLOTTE
PR. EDWARD
AMELIA
NOTTOWAY
LUNENBURG
DINWIDDIE
BRUNSWICK
GREENSVILLE
PR. GEORGE
SUSSEX
SURRY
HANOVER

SUMMARY OF VITAL EVENTS, VIRGINIA, 1980

Event	Total	White	Nonwhite
Resident Events			
Live births	78,423	58,047	20,376
Natural fetal deaths	6,448	4,620	1,828
Induced abortions	30,062	21,026	9,036
Infant deaths	1,075	686	389
Deaths, all causes	42,496	32,865	9,631
Recorded Events			
Marriages	60,210	51,317	8,893
Divorces (including annulments)	23,615	19,770	3,845

POPULATION

Virginia's total population for 1980 was 5,346,279 according to the Bureau of the Census, U.S. Department of Commerce. This was an increase of 86,855, or 1.7 percent, over the July, 1979 estimate of 5,259,424 and represents a 694,831, or 14.9 percent, increase over the revised census figure for April 1, 1970.

Among planning district areas, Planning District 16 (including Caroline, King George, Spotsylvania, Stafford counties and Fredericksburg city) has had, by far, the most significant rise in population -- 53.3 percent from the 1970 census to the 1980 count. The second most significant rise in population, 28.3 percent for the same period, occurred in Planning District 9 (including Culpeper, Fauquier, Madison, Orange and Rappahannock counties). No planning districts lost population.

After adjustments were made for changes in land area, the cities and counties having the largest percent population growth since the 1970 census were Spotsylvania (109.7), Chesterfield (83.5), Powhatan (69.7), New Kent (65.7), and Stafford (64.6). Fairfax city (-14.7), Norfolk (-13.3), Arlington (-12.4), Richmond city (-12.1), and Falls Church (-11.7) showed the largest decreases in population during the same period.

Approximately one-fifth, 1,105,714, of Virginia's population live in Planning District 8 - Arlington, Fairfax, Loudoun and Prince William counties, and Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities. The population gain for the period 1970-1980 for Planning District 8 stood at 20.0 percent, well above the State figure of 14.9 percent.

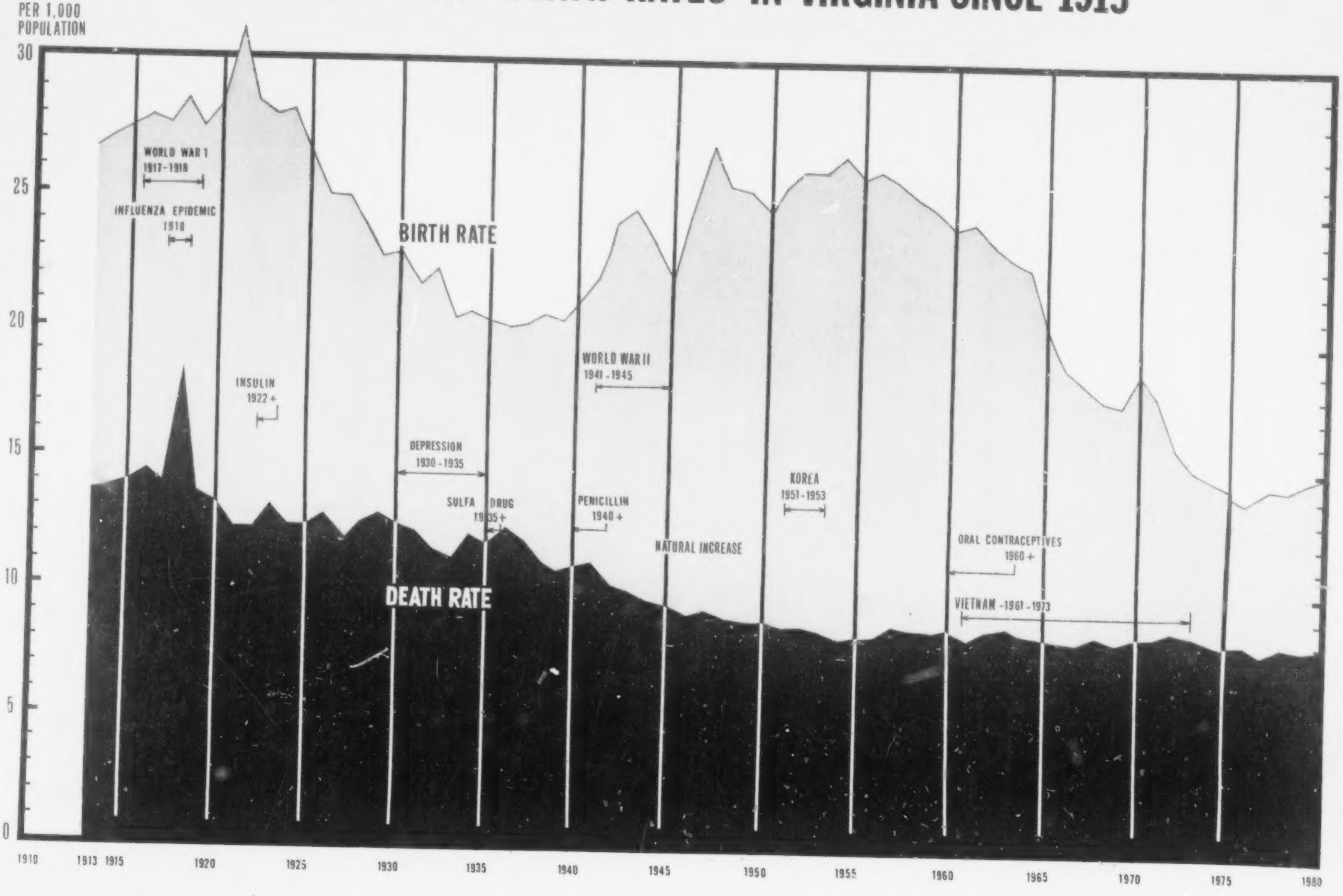
Planning District 17 (Lancaster, Northumberland, Richmond and Westmoreland counties) is the smallest in terms of population with 40,950 residents.

Natural Population Increase. For 1980, there was a natural population increase of 35,927 which was slightly less than the natural increase of 36,101 for 1979.

The increase of 2.0 percent in 1980 resident births and the 4.2 percent increase in resident births combined to decrease the birth-to-death ratio from 1.885 in 1979 to 1.845 in 1980. The total live birth rate exceeded the death rate by 6.8 per 1,000 population in 1980.

CHART B

BIRTH AND DEATH RATES IN VIRGINIA SINCE 1913



NUMBER AND RATE OF NATURAL POPULATION INCREASE BY RACE
VIRGINIA, 1980

Race	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
Total	78,423	14.7	42,496	7.9	35,927	6.8
White	58,047	13.7	32,865	7.8	25,182	5.9
Nonwhite	20,376	18.2	9,631	8.6	10,745	9.6

RESIDENT BIRTHS

Virginia resident live births numbered 78,423 in 1980, representing a 2.0 percent increase over the 76,899 recorded in 1979. The birth rate was 14.7 per 1,000 estimated population in 1980, a 0.7 percent increase over the 1979 rate of 14.6. The comparable preliminary birth rate for the United States was 16.2 per 1,000 population in 1980.

BIRTHS AND BIRTH RATES WITH PERCENT CHANGE
VIRGINIA, 1976-1980

Year	Births	Percent Change	Birth Rate	Percent Change
1976	69,972	-0.1	13.9	-1.4
1977	74,246	+6.1	14.5	+4.3
1978	73,349	-1.2	14.2	-2.1
1979	76,899	+4.8	14.6	+2.8
1980	78,423	+2.0	14.7	+0.7

Race and Age of Mother. Of the 78,423 infants born to Virginians in 1980, nearly three-fourths (74.0 percent) were white. However, the nonwhite birth rate (18.2) was 4.5 per 1,000 population higher than the white rate of 13.7. In 1980, both white and nonwhite births increased over 1979 with 1,311, or 2.3 percent, for white births and 213, or 1.1 percent, for nonwhite births.

RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY RACE
WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1980

Age	Number			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	78,423	58,047	20,376	60.1	55.6	78.2
Under 15*	231	77	154	5.7	2.5	16.4
15-19	11,889	7,171	4,718	49.2	38.3	87.1
20-24	25,266	18,034	7,232	94.4	85.4	128.1
25-29	23,979	18,928	5,051	99.4	98.9	101.5
30-34	13,242	10,841	2,401	59.4	59.8	57.6
35-39	3,356	2,673	683	18.5	17.9	21.5
40-44	436	309	127	2.9	2.5	4.8
45 & over**	15	9	6	0.5	0.4	1.2
Not stated	9	5	4			

Rates based on females aged 14* and 45** only.

Although the largest number of births (25,266) occurred in the age group 20-24, the 25-29 age group had the highest age specific rate (99.4 per 1,000 females). White also had the highest age specific rate (98.9) for ages 25-29, but for nonwhites the highest rate (128.1) occurred for ages 20-24. At all ages except 30-34, the age specific rates for nonwhites were higher than the rates for whites.

Median Age and Live Birth Order. The median age for all mothers of live births was 25.4 in 1980, an increase of 1.3 years over the 1971 median age of 24.1. For both white and nonwhite mothers, the median age continued to increase in 1980 to 26.0 and 23.7, respectively.

MEDIAN AGE AT BIRTH FOR ALL BIRTHS AND FIRST BIRTHS BY RACE VIRGINIA, 1971-1980

Year	All Births			First Births		
	Total	White	Nonwhite	Total	White	Nonwhite
1971	24.1	24.5	22.7	21.6	22.2	19.3
1972	24.2	24.7	22.4	21.5	22.2	19.1
1973	24.3	24.9	22.3	21.6	22.3	19.4
1974	24.4	25.1	22.6	21.8	22.4	19.6
1975	24.6	25.2	22.8	22.0	22.6	19.7
1976	24.8	25.4	23.1	22.3	22.9	20.0
1977	24.9	25.6	23.3	22.5	23.1	20.3
1978	25.2	25.8	23.5	22.8	23.4	20.6
1979	25.3	25.9	23.5	22.9	23.6	20.7
1980	25.4	26.0	23.7	23.2	23.8	21.1

For mothers having their first child, the median age has also been steadily increasing from 21.6 in 1971 to 23.2 in 1980. For white mothers having their first child, the median age has increased by 1.6 years since 1971 and for nonwhite mothers by 1.8 years. In 1980, the median age for white mothers was higher than that for nonwhite mothers at all birth orders except 10 or more.

MEDIAN AGE OF MOTHER FOR EACH BIRTH ORDER BY RACE VIRGINIA, 1980

Race	Total	Birth Order									
		1	2	3	4	5	6	7	8	9	10 or more
Total	25.4	23.2	26.2	28.2	30.0	31.9	33.5	34.6	35.6	37.1	38.4
White	26.0	23.8	26.8	28.9	31.1	32.8	34.6	35.8	36.1	37.5	37.3
Nonwhite	23.7	21.1	24.3	26.3	27.8	30.2	32.3	33.3	35.1	36.8	39.5
Years white median age greater than nonwhite	2.3	2.7	2.5	2.6	3.3	2.6	2.3	2.5	1.0	0.7	-2.2

In 1980, the median birth order for all mothers was 2.1. For white and nonwhite births, the median birth order was 2.1 and 2.2, respectively.

Education of Mother. A total of 58,653, or 74.8 percent, of the 1980 Virginia mothers were at least high school graduates. Of this number, 14,072 had completed four or more years of college. For 629, or 0.8 percent of the mothers, education did not extend beyond the sixth grade level. For mothers having their first birth, 76.5 percent had completed high school and 19.5 percent had completed four years of college.

EDUCATION OF MOTHER WITH PERCENT COMPLETING EACH GRADE LEVEL
FOR ALL BIRTHS AND FIRST BIRTHS, VIRGINIA, 1980

Highest Grade Completed	All Births		First Births	
	Number	Percent	Number	Percent
TOTAL	78,423	100.0	36,233	100.0
Elementary				
0-6	629	0.8	172	0.5
7-8	3,198	4.1	1,195	3.3
High School				
9-11	15,725	20.1	7,047	19.4
12	31,301	39.9	14,401	39.7
College				
1-3	13,280	16.9	6,234	17.2
4+	14,072	17.9	7,070	19.5
Unknown	218	0.3	114	0.3

Illegitimate Births. There was an increase of 749, or 5.3 percent, in the number of illegitimate births in 1980. This resulted in an illegitimate birth rate of 191.2 per 1,000 live births. Both the illegitimate birth number and illegitimate birth rate for 1980 were the highest on record. The number of illegitimate births increased by 12.1 percent for whites, and by 2.2 percent for nonwhites. The nonwhite rate of 493.0 illegitimate births per 1,000 live births was considerably, higher than the comparable white rate of 85.3.

RESIDENT ILLEGITIMATE BIRTHS WITH RATES
PER 1,000 LIVE BIRTHS BY YEAR, VIRGINIA, 1971-1980

Year	Total Live Births	Illegitimate Live Births	Rates per 1,000 Live Births
1971	82,713	10,071	121.8
1972	75,068	9,806	130.6
1973	71,665	9,514	132.8
1974	71,066	9,738	137.0
1975	70,032	10,220	145.9
1976	69,972	10,703	153.0
1977	74,246	12,125	163.3
1978	73,349	12,546	171.0
1979	76,899	14,246	185.3
1980	78,423	14,995	191.2

Sex Ratios. As usual, the male births (40,086) outnumbered the female births (38,337). The resulting ratio was 104.6 males to every 100 females.

The frequency of males to females was also greater for infant deaths, for natural fetal deaths where sex was indicated, and for births with congenital malformations. This male-to-female ratio was higher for whites than nonwhites for live births, natural fetal deaths, and infant deaths; however, for congenital malformations, this sex ratio was higher among nonwhites.

RATIO OF MALES PER 100 FEMALES FOR SPECIFIED VITAL EVENTS
VIRGINIA, 1980

Vital Event	Total	White	Nonwhite
Live Births	104.6	105.8	101.1
Natural Fetal Deaths	131.7	132.2	131.0
Infant Deaths	134.7	160.8	99.5
Congenital Malformations	158.0	155.1	167.8

Attendant at Birth. The percentage of total births occurring in hospitals remained 99.3, the same in 1980 as in 1979. In 1980, for both white and nonwhite births, the percentage in hospitals was also 99.3. An additional 212 births were attended by physicians out of the hospital. For white and nonwhite births, the percentages attended by "midwives or others" were 0.5 and 0.2, respectively.

Immature Births. During 1980, there were 5,916, or 7.5 percent, of total live births of "immature" birthweight (weighed 2,500 grams or less at birth regardless of gestation). The nonwhites exhibited a much higher percentage of immaturity among births with 12.3 percent compared to 5.9 percent immature births for whites. Hospital deliveries occurred for 98.9 percent of the immature births, with the white and nonwhite percentages being 99.2 and 98.4, respectively.

PERCENT IMMATURE OF RESIDENT BIRTHS BY RACE
VIRGINIA, 1976-1980

Year	Immature Births			Percent		
	Total	White	Nonwhite	Total	White	Nonwhite
1976	5,274	3,207	2,067	7.5	6.0	12.2
1977	5,451	3,287	2,164	7.3	5.9	11.6
1978	5,399	3,247	2,152	7.4	5.9	11.7
1979	5,814	3,461	2,353	7.6	6.1	11.7
1980	5,916	3,404	2,512	7.5	5.9	12.3

NUMBER AND PERCENT OF BIRTHS ACCORDING TO
WEIGHT GROUP BY RACE, VIRGINIA, 1980

Birthweight	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	78,423	100.0	58,047	100.0	20,376	100.0
Immature	5,916	7.5	3,404	5.9	2,512	12.3
500 grams or less	130	0.2	67	0.1	63	0.3
501-1,500 grams	923	1.2	520	0.9	402	2.0
1,501-2,500 grams	4,863	6.2	2,816	4.9	2,047	10.0
Full Term	72,421	92.3	54,590	94.0	17,831	87.5
2,501-3,500 grams	42,131	53.7	29,396	50.6	12,735	62.5
3,501-4,500 grams	28,857	36.8	23,933	41.2	4,924	24.2
4,501 grams & over	1,433	1.8	1,261	2.2	172	0.8
Unknown	86	0.1	53	0.1	33	0.2

The percentage of total births that were immature was highest at birth order six. This birth order had the highest percentage of immature deliveries for white mothers, but for nonwhite mothers, birth order five had the highest percentage. At all birth orders, the relative frequency of immature births was significantly higher among nonwhite than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY BIRTH ORDER
BY RACE, VIRGINIA, 1980

Race	Total	Birth Order						
		1	2	3	4	5	6	7 plus
Total	7.5	7.8	6.9	7.3	8.3	9.4	10.7	10.0
White	5.9	6.3	5.2	5.6	6.4	7.1	9.2	6.8
Nonwhite	12.3	12.8	12.1	11.4	12.0	13.1	12.8	12.9

In 1980, the percentage of immature live births was highest for mothers 45 years and over. This age group also had the highest percentage of immature births for white mothers as well as for nonwhite mothers. For all age groups, nonwhite mothers had a higher percentage of immature births than white mothers.

PERCENT IMMATURE OF LIVE BIRTHS BY AGE OF MOTHER
BY RACE, VIRGINIA, 1980

Race	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Total	7.5	15.2	10.9	7.7	6.3	6.0	8.2	8.5	33.3
White	5.9	9.1	7.9	5.8	5.4	5.1	6.8	6.8	22.2
Nonwhite	12.3	18.2	15.6	12.3	10.0	10.0	13.5	12.6	50.0

Plural Births. There were 1,501 live multiple births to Virginia residents in 1980: 1,495 twins and 6 triplets. Additionally, 115 twins and 2 triplets were reported as natural fetal deaths.

Among live births a much higher rate of immaturity existed for plural births (53.4 percent) than for single births (6.6 percent). The nonwhite immaturity rate for plural births was 62.2 percent, while the white rate stood at 49.1 percent.

PLURAL BIRTHS AND IMMATURE PLURAL BIRTHS
WITH PERCENT IMMATURE BY RACE, VIRGINIA, 1980

Event	Total	White	Nonwhite
Plural births	1,501	1,012	489
Plural immature births	801	497	304
Percent immature	53.4	49.1	62.2

For every 1,000 live births among nonwhite women, there were 24.0 plural births, while for every 1,000 live births among white women, there were 17.4 plural births. The comparative rates for 1979 were 21.9 and 20.0, respectively.

Prenatal Care. In 1980, 63,106 mothers, or 80.5 percent, began prenatal care in the first trimester of pregnancy. At least 98.3 percent of the mothers had seen a physician prior to delivery. Only 621, or 0.8 percent, of the mothers received no prenatal care, while care status for 712 mothers was unknown.

Of the mothers who had completed at least 12 years of schooling, 85.2 percent began prenatal care in the first trimester of pregnancy. Only 61.7 percent of the 629 mothers with fewer than seven years of education began care as early. The percentage of mothers who completed at least their high school education but who received no prenatal care was 0.5, while the comparable percentage for mothers with fewer than seven years of school was 3.0.

PERCENTAGE DISTRIBUTION OF RESIDENT BIRTHS BY AGE OF MOTHER BY TRIMESTER PRENATAL CARE BEGAN, VIRGINIA, 1980

Trimester Care Began	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First trimester	80.5	41.1	62.2	78.9	87.2	87.8	83.9	72.9	66.7
Second trimester	15.0	43.3	29.2	16.8	9.7	8.8	11.6	19.3	33.3
Third trimester	2.8	11.3	5.9	2.9	1.8	1.6	2.0	4.4	
None	0.8	3.9	2.0	0.8	0.4	0.4	0.8	0.9	
Unknown	0.9	0.4	0.7	0.6	0.9	1.4	1.8	2.5	

The 30-34 age group had the highest percentage of mothers, 87.8 percent, who received prenatal care in the first trimester of pregnancy. Of the mothers who were under 15 years of age, only 41.1 percent received prenatal care in the first trimester. The percentage of mothers receiving no prenatal care was the highest for those under 15 years of age, 3.9 percent.

Of the Virginia women giving birth in 1980, 63.2 percent saw a physician 10 to 14 times during pregnancy. The median number of prenatal visits was 11.9. Sixty mothers were seen by a physician 30 or more times.

Complications of Pregnancy. One or more complications of pregnancy were indicated for 21,216, or 27.1 percent, of mothers having live births. Mothers 15-19 had the lowest percentage of complications of pregnancy, 25.7 percent, while mothers who were age 45 and over had the highest percentage of complications, 46.7 percent. With the exception of mothers under 15, the percentage of births with complications of pregnancy increased as the mother's age increased.

COMPLICATIONS OF PREGNANCY BY AGE OF MOTHER VIRGINIA, 1980

Complications of Pregnancy	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Unduplicated Count with Complications	21,216	63	3,054	6,632	6,416	3,761	1,121	161	7	1
Percent of Births	27.1	27.3	25.7	26.2	26.8	28.4	33.4	36.9	46.7	

Of the mothers receiving prenatal care, 26.9 percent had complications of pregnancy and 29.1 percent of those who received no prenatal care had complications. Mothers having their first child had the highest percentage of births with complications, 29.6 percent. The lowest percentage of births with complications, 23.5 percent, was reported for birth order four.

COMPLICATIONS OF PREGNANCY BY TYPE BY BIRTH ORDER
VIRGINIA, 1980

Type of Complication	Total	Birth Order								
		1	2	3	4	5	6	7	8+	Unk.
Unduplicated Count with Complications	21,216	10,720	6,590	2,548	844	284	121	48	60	1
Percent of Births	27.1	29.6	25.6	23.7	23.5	24.1	25.5	24.0	27.0	
All complications	31,754	17,407	8,881	3,545	1,194	395	173	75	83	1
Complications related to pregnancy	5,187	2,877	1,295	601	236	89	47	19	22	1
Conditions in the mother complicating pregnancy	1,359	605	427	200	77	28	13	7	2	
Complications affecting delivery	17,556	8,585	5,744	2,148	686	225	84	40	44	
Type of delivery (if specified on certificate)	7,652	5,340	1,415	596	195	53	29	9	15	

Congenital Anomalies. In 1980, there were 663 infants born with one or more congenital anomalies reported, or 0.8 percent of total live births. Of the total congenital anomalies, Polydactyly was, by far, the most common condition reported for nonwhites (37.1 percent), while deformities of the feet (12.5 percent) and cleft palate and cleft lip (12.3 percent) were the most common anomalies reported for whites.

In 1980, mothers aged 45 and over had the highest percentage of births with anomalies reported (6.7 percent) followed by mothers under 15 years of age with 2.2 percent.

CONGENITAL ANOMALIES BY AGE OF MOTHER
VIRGINIA, 1980

Congenital Anomalies	Total	Age of Mother							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+
Unduplicated Count with Anomalies	663	5	94	224	195	105	37	2	1
Percent of Births	0.8	2.2	0.8	0.9	0.8	0.8	1.1	0.5	6.7

NUMBER AND PERCENT OF CONGENITAL ANOMALIES BY TYPE BY RACE
VIRGINIA, 1980

Type of Anomaly	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Unduplicated Count with Anomalies	663		505		158	
TOTAL ANOMALIES REPORTED	732	100.0	562	100.0	170	100.0
Anencephalus	13	1.8	9	1.6	4	2.4
Spina bifida	45	6.1	39	6.9	6	3.5
Other anomalies of nervous system	18	2.5	15	2.7	3	1.8
Anomalies of eye	6	0.8	3	0.5	3	1.8
Anomalies of ear, face, and neck	17	2.3	12	2.1	5	2.9
Bulbus cordis anomalies and anomalies of cardiac septal closure	7	1.0	7	1.2		
Other anomalies of heart	35	4.8	28	5.0	7	4.1
Other anomalies of circulatory system	7	1.0	6	1.1	1	0.6
Anomalies of respiratory system	9	1.2	8	1.4	1	0.6
Cleft palate and cleft lip	79	10.8	69	12.3	10	5.9
Other anomalies of upper alimentary tract	8	1.1	4	0.7	4	2.4
Other anomalies of digestive system	15	2.0	14	2.5	1	0.6
Undescended testicle	10	1.4	10	1.8		
Hypospadias and epispadias	60	8.2	56	10.0	4	2.4
Other anomalies of genitourinary system	33	4.5	21	3.7	12	7.1
Congenital dislocation of hip	15	2.0	13	2.3	2	1.2
Deformities of feet	80	10.9	70	12.5	10	5.9
Polydactyly	97	13.3	34	6.0	63	37.1
Syndactyly	26	3.6	19	3.4	7	4.1
Other anomalies of limbs	34	4.6	29	5.2	5	2.9
Other anomalies of musculoskeletal system	23	3.1	20	3.6	3	1.8
Anomalies of the integument	21	2.9	10	1.8	11	6.5
Down's syndrome	33	4.5	31	5.5	2	1.2
Other chromosomal anomalies	10	1.4	9	1.6	1	0.6
Other and unspecified anomalies	31	4.2	26	4.6	5	2.9

Month of Birth. An average of 214 children were born each day to Virginia residents. The daily averages by month ranged from a high of 237 in September to a low of 203 in January.

DAILY AVERAGE OF BIRTHS BY MONTH
VIRGINIA, 1980

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
203	209	209	208	205	208	223	227	237	219	206	218

Out-of-State Occurrences. In 1980, 5,130, or 6.5 percent, of the infants born to Virginia residents were born out-of-state. Of these births, 2,612, or 50.9 percent, occurred in the District of Columbia. The six areas bordering Virginia accounted for 97.0 percent of Virginia's out-of-state births.

The 2,045 births occurring in Virginia to out-of-state residents represented 2.7 percent of the 75,338 live births occurring in Virginia. The states of residence most frequently recorded for these Virginia-born infants were West

Virginia (890), North Carolina (530), and Maryland (311). A total of 94.6 percent of these out-of-state resident births were from the six bordering areas of Virginia.

BIRTHS INVOLVING VIRGINIA AND BORDERING STATES
VIRGINIA, 1980

State of Birth	Virginia residents born out-of-state		Out-of-state residents born in Virginia	
	Number	Percent	Number	Percent
TOTAL	5,130	100.0	2,045	100.0
District of Columbia	2,612	50.9	61	3.0
Tennessee	960	18.7	16	0.8
Maryland	645	12.6	311	15.2
West Virginia	320	6.2	890	43.5
North Carolina	296	5.8	530	25.9
Kentucky	144	2.8	126	6.2
Other states	153	3.0	95	4.6
Foreign countries			16	0.8

INFANT MORTALITY

In Virginia, in 1980, infant deaths decreased to 1,075, or 5.3 percent, from the 1979 figure of 1,135. The resulting rate of 13.7 shows a substantial decrease from the 1979 rate of 14.8 per 1,000 live births.

In 1980, there were 779 neonatal deaths (infants under 28 days) resulting in a rate of 9.9 per 1,000 live births. The comparable figures for 1979 were 835 neonatal deaths with a rate of 10.9.

White infant deaths decreased from 712 in 1979 to 686 in 1980 and nonwhite infant deaths decreased from 423 to 389. The rates of infant deaths per 1,000 live births were 11.8 and 19.1 for whites and nonwhites, respectively.

RESIDENT INFANT DEATHS BY RACE WITH RATES
PER 1,000 LIVE BIRTHS, VIRGINIA, 1976-1980

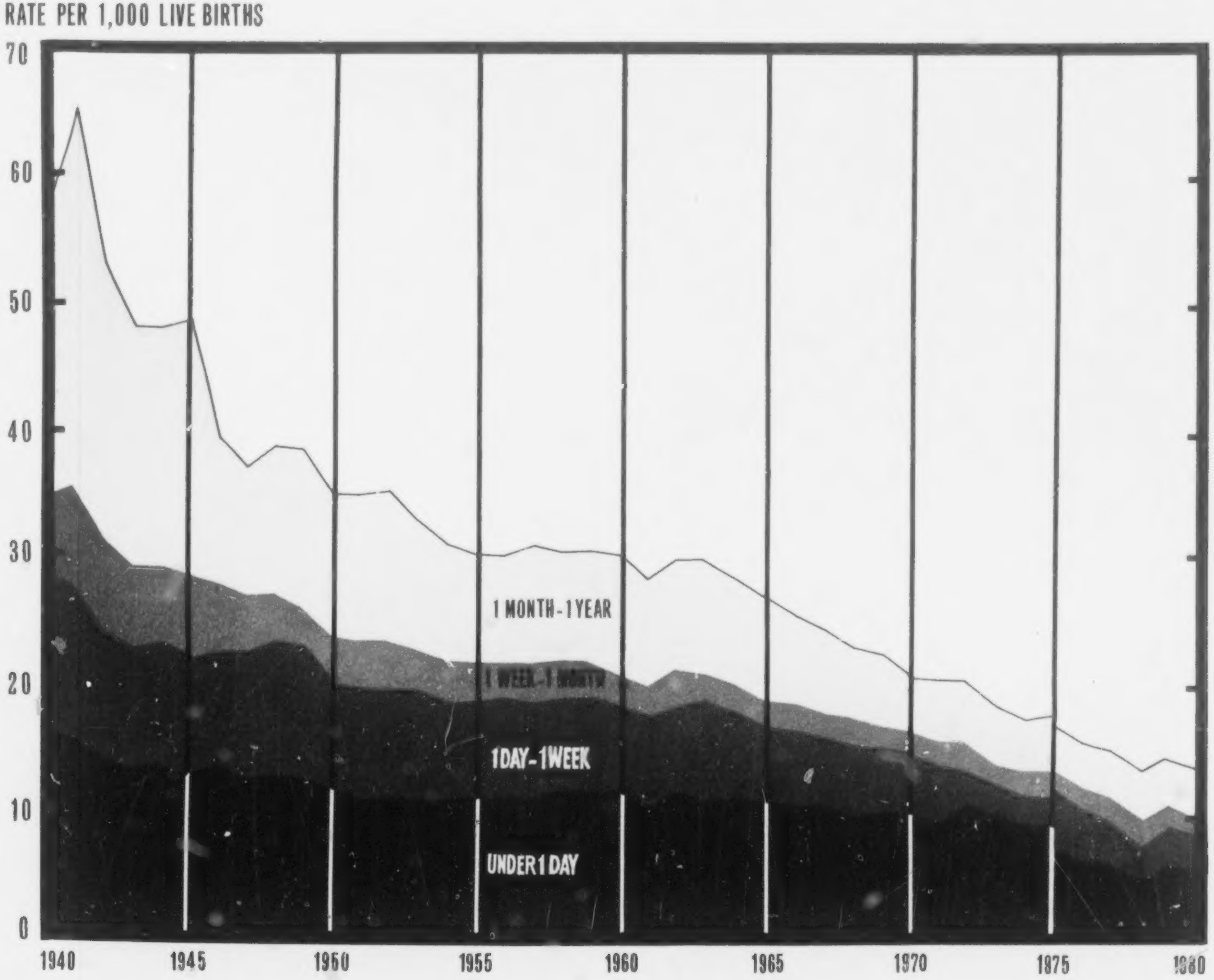
Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1976	1,143	16.3	699	13.2	444	26.2
1977	1,167	15.7	724	13.0	443	23.8
1978	989	13.5	611	11.1	378	20.5
1979	1,135	14.8	712	12.5	423	21.0
1980	1,075	13.7	686	11.8	389	19.1

Virginia's infant death rate of 13.7 per 1,000 live births was somewhat higher than the preliminary United States rate of 12.5. For neonatal deaths (infant deaths under 28 days) the rates for Virginia and the United States were 9.9 and 8.4, respectively.

Among the 1,075 infant deaths for Virginia residents, 227, or 21.1 percent, were attributed to congenital anomalies; 128, or 11.9 percent, to disorders relating to short gestation and low birthweight; 92, or 8.6 percent, to

CHART C

INFANT MORTALITY RATE PER 1,000 LIVE BIRTHS IN VIRGINIA SINCE 1940



respiratory distress syndrome; and 97, or 9.0 percent, to sudden infant death syndrome. These four causes accounted for over half of the total infant deaths. The group of causes, "certain conditions originating in the perinatal period," which accounted for 591 infant deaths, was the tenth leading cause of death for the State.

RESIDENT INFANT DEATHS BY CAUSE WITH RATE PER 100,000 LIVE BIRTHS
VIRGINIA AND UNITED STATES, 1980

Cause of Infant Death	Virginia		United States*
	Number	Rate	Rate
TOTAL INFANT DEATHS	1,075	1,370.8	1,251.4
Certain gastrointestinal diseases (008-009, 535,555-558)	3	3.8	8.1
Pneumonia and influenza (480-487)	14	17.9	28.1
Congenital anomalies (740-759)	227	289.5	254.3
Disorders relating to short gestation and low birthweight (765)	128	163.2	107.8
Birth trauma (767)	31	39.5	25.3
Intrauterine hypoxia and birth asphyxia (768)	37	47.2	42.2
Respiratory distress syndrome (769)	92	117.3	139.8
Other conditions originating in the perinatal period (760-764,766,770-779)	303	386.4	308.2
Sudden infant death syndrome (798.0)	97	123.7	146.8
All other causes	143	182.3	190.4

*Rates estimated
NOTE: Numbers in parentheses are from ICD, 9th revision.

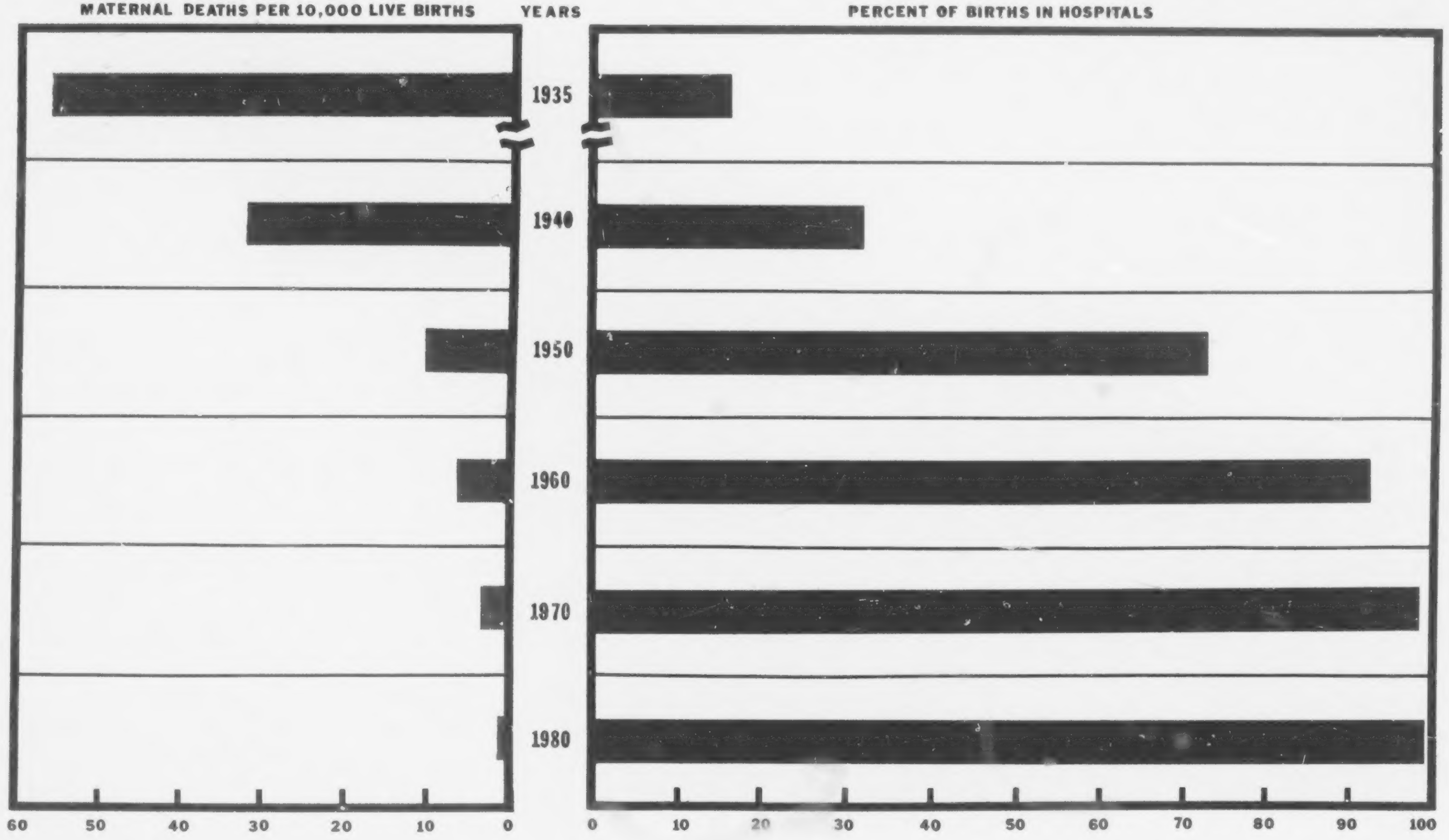
In 1980, there were 463 infants who failed to survive one day and 675 who died within their first week of life. Infants who died before the age of one month (779) accounted for 72.5 percent of the total infant deaths.

PERCENT OF TOTAL INFANT DEATHS IN EACH AGE GROUP BY RACE
VIRGINIA, 1980

Race	Total Infant Deaths	Age at Death						
		Less than 1 day	1-6 days	Under 1 week	7-27 days	Under 28 days	1-5 Mos.	6-11 Mos.
Total	100.0	43.1	19.7	62.8	9.7	72.5	19.9	7.6
White	100.0	41.0	20.4	61.4	9.8	71.1	20.3	8.6
Nonwhite	100.0	46.8	18.5	65.3	9.5	74.8	19.3	5.9

CHART D

MATERNAL MORTALITY AND HOSPITALIZATION OF BIRTHS IN VIRGINIA SINCE 1935



MATERNAL DEATHS

In 1980, only three deaths among Virginia women were caused by maternal conditions giving a rate of 3.8 per 100,000 live births. Both the number and rate were the lowest ever recorded for Virginia. Two of the maternal deaths occurred to nonwhite women resulting in a rate of 9.8 per 100,000 live births which was considerably higher than the white rate of 1.7.

MATERNAL DEATHS BY CAUSE BY RACE
VIRGINIA, 1980

Cause	Total	White	Nonwhite
TOTAL	3	1	2
Complications mainly related to pregnancy (640-648)	2	1	1
Complications of the puerperium (670-676)	1		1

NOTE: Numbers in parentheses are from ICD, 9th revision.

ALL PREGNANCY TERMINATIONS

A total of 114,933 pregnancy terminations (live births and all fetal deaths) were reported for Virginia residents in 1980, representing 2,374 more than in the previous year. This 2.1 percent increase resulted from an increase of 2.0 percent in the number of live births and a 2.1 percent increase in induced abortions. Current data show a rising trend in total deliveries due to the increase in abortions which was greatly accelerated with the 1970 Virginia legislative action and later Supreme Court decisions nullifying most requirements regarding induced abortions.

RESIDENT PREGNANCY TERMINATIONS BY TYPE
VIRGINIA, 1971-1980

Year	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
1971	92,573	82,713	9,860	3,764	6,096
1972	85,547	75,068	10,479	4,564	5,915
1973	84,373	71,665	12,708	7,136	5,572
1974	90,257	71,066	19,191	13,594	5,597
1975	92,915	70,032	22,883	17,066	5,817
1976	97,604	69,972	27,632	21,563	6,069
1977	105,831	74,246	31,585	25,399	6,186
1978	107,972	73,349	34,623	28,492	6,131
1979	112,559	76,899	35,660	29,455	6,205
1980	114,933	78,423	36,510	30,062	6,448

For females in the age groups under 15 and 45 and over, there were more induced abortions than live births. The largest age-specific rates for births and natural fetal deaths were in the 25-29 year age group, while for induced abortions and total pregnancy terminations, the 20-24 year age group had the highest rates.

PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS PER 1,000 FEMALES BY AGE
VIRGINIA, 1980

Age	Total Pregnancy Terminations	Live Births	All Fetal Deaths		
			Total	Induced Abortions	Natural Fetal Deaths
TOTAL	88.1	60.1	28.0	23.1	4.9
Under 15*	15.8	5.7	10.0	9.3	0.8
15-19	91.4	49.2	42.1	38.8	3.4
20-24	140.5	94.4	46.1	39.1	7.1
25-29	130.0	99.4	30.6	23.0	7.6
30-34	77.1	59.4	17.8	12.2	5.5
35-39	27.6	18.5	9.1	6.5	2.6
40-44	6.1	2.9	3.1	2.2	0.9
45 & over**	2.2	0.5	1.7	1.2	0.4

Rates are based on population age 14* and age 45** only.

ALL FETAL DEATHS

The 36,510 fetal deaths of all types occurring to Virginia residents in 1980 represented an increase of 850, or 2.4 percent, over the previous year. All fetal deaths reported for white and nonwhite residents increased 3.1 and 0.7 percent, respectively.

The Fetal Death total includes Induced Abortions which accounted for 82.3 percent of all fetal deaths. All other fetal deaths are referenced as Natural Fetal Deaths throughout this report.

INDUCED ABORTIONS

During 1980, at least 30,062 Virginia residents received induced abortions, an increase of 2.1 percent over the 1979 figure of 29,455. Reports of abortions occurring to Virginia residents in other areas are not included in this report since there is no regular interchange of abortion information among states. In addition to the 30,062 Virginia resident induced abortions that occurred in the State, 1,896 were performed in Virginia for residents of other areas. These make a total of 31,958 induced abortions occurring in Virginia in 1980, 1.4 percent more than in the previous year.

INDUCED ABORTIONS
VIRGINIA, 1980

Location	Total	White	Nonwhite
TOTAL OCCURRENCES	31,958	22,361	9,597
Residents of Virginia	30,062	21,026	9,036
Residents of other areas	1,896	1,335	561

Over two-thirds (69.9 percent) of the 30,062 Virginia residents known to have had induced abortions were white. The induced abortion rate per 1,000 white women aged 15-44 was 20.1, while the comparable figure for nonwhites was 34.7. The State figure for all women was 23.1 per 1,000 females aged 15-44.

RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY RACE WITH AGE SPECIFIC RATES PER 1,000 FEMALES, VIRGINIA, 1980

Age	Numbers			Rates per 1,000 Females		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	30,062	21,026	9,036	23.1	20.1	34.7
Under 15*	375	164	211	9.3	5.3	22.5
15-19	9,358	7,027	2,331	38.8	37.5	43.0
20-24	10,456	7,334	3,122	39.1	34.7	55.3
25-29	5,555	3,584	1,971	23.0	18.7	39.6
30-34	2,731	1,844	887	12.2	10.2	21.3
35-39	1,182	804	378	6.5	5.4	11.9
40-44	336	219	117	2.2	1.8	4.4
45 & over**	34	23	11	1.2	1.0	2.2
Not stated	35	27	8			

Rates based on females aged 14* and 45** only.

Age categories 15-19 and 20-24 each accounted for approximately one-third of Virginia's resident abortions. The age-specific rates for these groups, 38.8 and 39.1 per 1,000 women, were also similar. The median ages for total, white and nonwhite groups were 22.2, 21.9 and 23.0, respectively. While the median age for white women having induced abortions has remained about the same over the past five years, the nonwhite median age has been steadily increasing.

MEDIAN AGES OF RESIDENT WOMEN RECEIVING INDUCED ABORTIONS BY RACE VIRGINIA, 1971-1980

Year	Total	White	Nonwhite
1971	23.1	N.A.	N.A.
1972	22.5	N.A.	N.A.
1973	22.3	22.8	21.8
1974	21.6	21.5	21.7
1975	21.6	21.5	21.9
1976	21.8	21.6	22.0
1977	21.8	21.5	22.2
1978	22.0	21.7	22.7
1979	22.0	21.7	22.8
1980	22.2	21.9	23.0

More than three-fourths (81.0 percent) of the women receiving induced abortions in 1980 were not married to the father at the time of the abortion. The comparable figure for 1980 live births was 19.1. The illegitimacy rate for induced abortions for 1980 has increased 27.4 percent from the rate of 63.6 in 1971, the first full year after the legalizing legislation.

The percentages of induced abortions that were illegitimate were highest for the youngest age groups and generally decreased as age at abortion increased. The nonwhite rates, however, were higher than the white rates at all age levels except for age group 35-39.

RESIDENT ILLEGITIMATE INDUCED ABORTIONS BY AGE OF MOTHER WITH PERCENT ILLEGITIMATE, VIRGINIA, 1980

Age	Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	24,349	16,982	7,367	81.0	80.8	81.5
Under 15	373	162	211	99.5	98.8	100.0
15-19	8,885	6,625	2,260	94.9	94.3	97.0
20-24	8,778	6,116	2,662	84.0	83.4	85.3
25-29	3,925	2,498	1,427	70.7	69.7	72.4
30-34	1,614	1,064	550	59.1	57.7	62.0
35-39	587	400	187	49.7	49.8	49.5
40-44	141	85	56	42.0	38.8	47.9
45 & over	15	6	9	44.1	26.1	81.8
Not stated	31	26	5			

Of the 30,062 resident abortions, 98.1 percent were under 20 weeks gestation and over one-third (40.3 percent) were 8-9 weeks gestation. Only 1.1 percent of the induced abortions were 20 weeks or more gestation.

For 28,995, or 96.5 percent, of the induced abortions, suction curettage was the procedure used to terminate pregnancy. Sharp curettage was done for 195 terminations. Intra-uterine saline instillation and intra-uterine prostaglandin instillation were the methods used for 389, or 52.4 percent, of the 742 pregnancy terminations of 18 weeks or more gestation.

RESIDENT INDUCED ABORTIONS
PROCEDURES USED TO TERMINATE PREGNANCY BY GESTATION
VIRGINIA, 1980

Procedure	Total	Gestation (in Weeks)							
		Under 6	6-7	8-9	10-11	12-13	14-19	20 & Over	Unk.
TOTAL	30,062	909	7,912	12,116	5,514	1,547	1,501	316	247
Suction Curettage	28,995	857	7,785	11,983	5,466	1,511	1,034	140	219
Sharp Curettage	195	24	54	60	23	12	12	5	5
Intra-uterine saline instillation	456	3		3	2	14	291	131	12
Intra-uterine prostaglandin instillation	177	2				1	138	32	4
Hysterectomy	11		1		1	1	4	3	1
Hysterotomy	31	3	6	6	5	4	5		2
Other	86	1	34	27	1	1	15	4	3
Unknown	111	19	32	37	16	3	2	1	1

The largest number of induced abortions (3,663) was reported for residents of Fairfax county. Following were Richmond city with 2,843, Norfolk with 2,090, Virginia Beach with 1,866, Henrico with 1,769, Newport News with 1,167, and Hampton with 1,004. All other areas had less than 1,000 residents receiving induced abortions.

NATURAL FETAL DEATHS

Natural fetal deaths, as shown below for the years 1971-1980, are the total fetal deaths for those years less the instances where the pregnancy termination was indicated as induced. These figures appear to be influenced somewhat by the changing legislation regarding induced abortion; specifically, the 1970 ruling allowing abortions for specified medical or psychological reasons and the 1973 ruling eliminating the necessity for reasons.

RESIDENT NATURAL FETAL DEATHS BY RACE
VIRGINIA, 1971-1980

Year	Total	White	Nonwhite
1971	6,096	4,600	1,496
1972	5,915	4,382	1,533
1973	5,572	4,148	1,424
1974	5,597	4,211	1,386
1975	5,817	4,243	1,574
1976	6,069	4,389	1,680
1977	6,186	4,466	1,720
1978	6,131	4,390	1,741
1979	6,205	4,420	1,785
1980	6,448	4,620	1,828

Resident natural fetal deaths totaled 6,448 in 1980 reflecting a 3.9 percent increase over the previous year. The rate was 82.2 per 1,000 live births.

Less than 15 percent of the natural fetal deaths occurred at 20 weeks or more gestation; for nonwhites, the percentage was 16.9, much higher than the comparable percentage of 11.1 for whites.

RESIDENT NATURAL FETAL DEATHS, RACE BY LENGTH OF GESTATION
VIRGINIA, 1980

Length of Gestation	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
TOTAL	6,448	100.0	4,620	100.0	1,828	100.0
Under 20 weeks	5,624	87.2	4,105	88.9	1,519	83.1
20-27 weeks	371	5.8	207	4.5	164	9.0
28 weeks & over	453	7.0	308	6.7	145	7.9

The median age of women having natural fetal deaths was 26.2 in 1980. This compares to 25.4 for live births and 22.2 for induced abortions. Natural fetal deaths accounted for 5.6 percent of total pregnancies that ended during 1980. This statistic ranged from 3.7 percent for ages 15-19 and increased with each older age group to a high of 19.7 percent for women 45 and over.

NATURAL FETAL DEATHS BY AGE WITH PERCENT OF TOTAL PREGNANCY TERMINATIONS VIRGINIA, 1980

Natural Fetal Deaths	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
Number	6,448	32	815	1,891	1,829	1,236	475	133	12	25
Percent of Pregnancy Terminations	5.6	5.0	3.7	5.0	5.8	7.2	9.5	14.7	19.7	

A non-specific reason was mentioned for the cause of the fetal death on 82.1 percent of these records. Of the 1,157 specified causes, ectopic pregnancy with 467 placed first. Conditions in the placenta (149) and immaturity (94) ranked second and third.

RESIDENT DEATHS

In 1980, the number of deaths for Virginia residents was 42,496, an increase of 1,698, or 4.2 percent, over the 40,798 deaths reported in 1979. The resulting death rate of 7.9 per 1,000 population was slightly higher than the 7.8 rate for 1979. The comparable provisional rate for the United States was 8.9 per 1,000 population in 1980.

NUMBER OF RESIDENT DEATHS AND DEATH RATES PER 1,000 POPULATION BY RACE VIRGINIA, 1976-1980

Year	Total		White		Nonwhite	
	Number	Rate	Number	Rate	Number	Rate
1976	40,056	8.0	30,946	7.6	9,110	9.7
1977	39,744	7.7	30,642	7.3	9,102	9.6
1978	40,649	7.9	31,497	7.6	9,152	9.2
1979	40,798	7.8	31,749	7.6	9,049	8.2
1980	42,496	7.9	32,865	7.8	9,631	8.6

Median Age at Death. For all Virginia residents, the median age at death was 70.8 -- a 0.7 year increase over the 70.1 median age in 1979. The median age at death for whites increased by 0.7 years in 1980, while the nonwhite median age increased by 0.5 years. The median age at death for Virginia males increased by 0.7 years, and the figure for females increased by 0.6 years.

MEDIAN AGE AT DEATH BY RACE BY SEX VIRGINIA, 1979 AND 1980

Sex	Total		White		Nonwhite	
	1979	1980	1979	1980	1979	1980
Total	70.1	70.8	71.3	72.0	66.1	66.6
Male	66.9	67.6	67.8	68.5	63.8	64.3
Female	74.4	75.0	75.9	76.5	68.9	69.7

Out-of-State Occurrences. Of the total resident deaths, 6.0 percent occurred outside the State. The District of Columbia or one of the states that border Virginia accounted for 84.6 percent of these deaths. Of the 1,926 deaths which occurred to out-of-state residents in Virginia, 66.7 percent involved those who were residents of the bordering areas.

DEATHS INVOLVING VIRGINIA AND BORDERING AREAS, 1980

Area	Virginia residents dying out-of-state		Out-of-state residents dying in Virginia	
	Number	Percent	Number	Percent
TOTAL	2,567	100.0	1,926	100.0
Tennessee	573	22.3	91	4.7
District of Columbia	534	20.8	111	5.8
North Carolina	394	15.3	450	23.4
Maryland	344	13.4	186	9.7
West Virginia	278	10.8	416	21.6
Kentucky	48	1.9	30	1.6
Other	396	15.4	642	33.3

Month of Death. December had the greatest frequency of deaths with 3,952 and also the largest daily average (127). The smallest number of deaths occurred in September (3,154), which also had the lowest daily average of 105.

DAILY AVERAGE OF RESIDENT DEATHS BY MONTH
VIRGINIA, 1980

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
116	119	132	125	116	112	108	112	108	105	114	116	127

Leading Causes of Death. During the past 30 years, the four leading causes of death have been diseases of the heart, malignant neoplasms, cerebrovascular disease, and accidents ranking first to fourth, respectively, each year. These four causes together have accounted for more than seven out of every ten Virginia resident deaths since 1966.

NUMBER AND RATE PER 100,000 POPULATION FOR THE MAJOR CAUSES OF DEATH
FOR SELECTED YEARS, VIRGINIA, 1950-1980

Year	Diseases of Heart		Malignant Neoplasms		Cerebrovascular Diseases		All Accidents	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1950	9,941	299.5	3,389	102.1	3,653	110.1	2,058	62.0
1955	10,825	295.8	4,058	110.9	3,881	106.1	2,005	54.8
1960	12,512	314.1	4,730	118.8	4,153	104.3	2,000	50.2
1965	13,698	309.5	5,534	125.0	4,256	96.2	2,442	55.2
1970	14,494	310.7	6,383	136.8	4,175	89.5	2,588	55.5
1975	14,587	293.7	7,463	150.3	3,932	79.2	2,508	50.5
1980	15,733	294.3	9,139	170.9	3,750	70.1	2,450	45.8

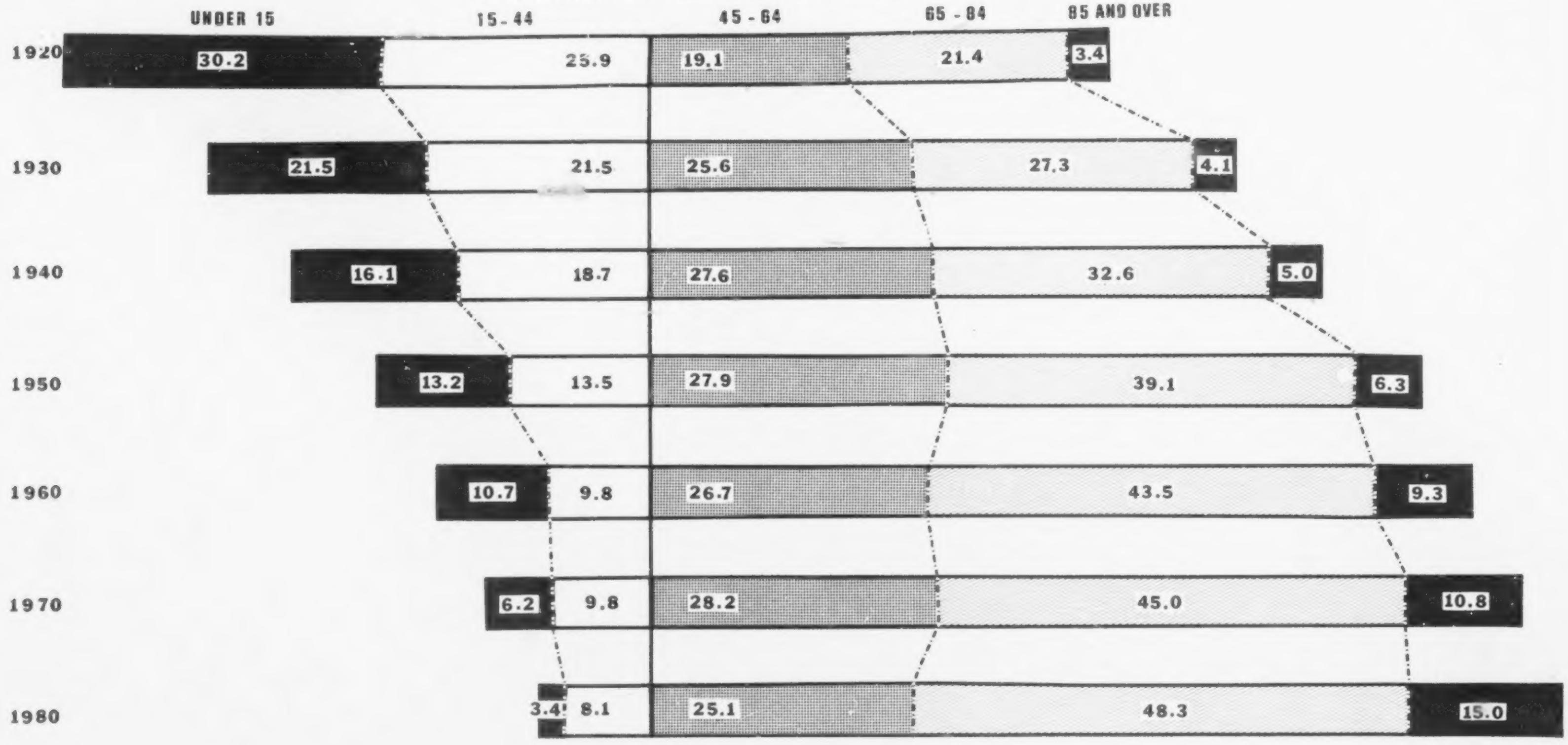
The overall trend for the number as well as the rate of deaths due to malignant neoplasms has been increasing. In Virginia, both were at their all-time high in 1980. The respiratory system with 2,537 and the digestive organs and peri-

CHART E

CHANGING PATTERNS IN MORTALITY

VIRGINIA SINCE 1920

PERCENTAGE DISTRIBUTION OF AGE AT DEATH



Note: Except For 1980, Percentage Distributions Are Based On Three Years Around The Decennial Year.

toneum with 2,215 were the sites most often reported as primary. These sites accounted for more than one-half of all resident deaths attributed to malignant neoplasms.

LEADING CAUSES OF RESIDENT DEATHS BY RACE AND SEX
VIRGINIA, 1980

Cause	Total		White				Nonwhite			
			Male		Female		Male		Female	
	Number	Rank	Number	Rank	Number	Rank	Number	Rank	Number	Rank
ALL CAUSES	42,496		17,915		14,950		5,405		4,226	
Diseases of heart (390-398,402,404-429)	15,733	1	6,822	1	5,688	1	1,722	1	1,501	1
Malignant neoplasms (140-208)	9,139	2	3,875	2	3,269	2	1,202	2	793	2
Cerebrovascular disease (430-438)	3,750	3	1,101	4	1,736	3	415	4	498	3
Accidents, all types (E800-E949)	2,450	4	1,360	3	529	4	437	3	124	5½
Influenza & pneumonia (480-487)	1,149	5	452	7	449	5	137	6	111	7
Chronic obstructive pulmonary diseases (490-496)	1,130	6	685	5	314	6	97	8	34	14
Suicide (E950-E959)	718	7	507	6	139	10	59	12	13	18½
Diabetes mellitus (250)	691	8	193	11	263	7½	88	9	147	4
Chronic liver disease and cirrhosis (571)	608	9	305	8	167	9	74	11	62	10
Certain conditions originating in the perinatal period (760-779)	591	10	215	9	133	11	119	7	124	5½
Other causes	6,537		2,400		2,263		1,055		819	

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Accidental Deaths. Accidents were responsible for the deaths of 2,450 Virginia residents in 1980 -- a 10.7 percent increase over 1979. The accidental death rate for 1980 was 45.8 per 100,000 population compared to the provisional United States rate of 47.9.

RESIDENT DEATHS FROM ACCIDENTS AND CAUSES OTHER THAN ACCIDENTS
WITH PERCENTAGES OF TOTAL DEATHS IN SPECIFIED AGE GROUPS, VIRGINIA, 1980

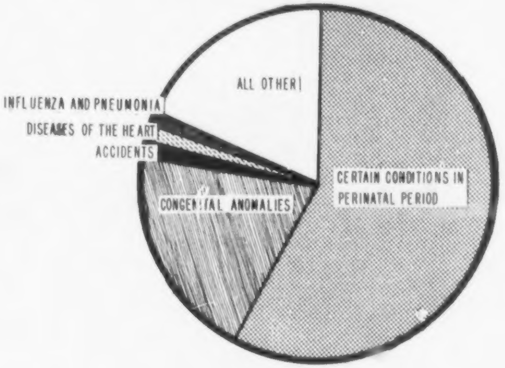
Age	Accidental Deaths		Non-Accidental Deaths	
	Number	Percent	Number	Percent
TOTAL	2,450	5.8	40,046	94.2
Under 1	31	2.9	1,044	97.1
1-4	62	37.3	104	62.7
5-14	107	51.4	101	48.6
15-24	568	54.8	469	45.2
25-44	560	23.2	1,857	76.8
45-64	519	4.9	10,131	95.1
65-74	245	2.4	10,106	97.6
75 and over	358	2.2	16,228	97.8
Unknown			6	

CHART F

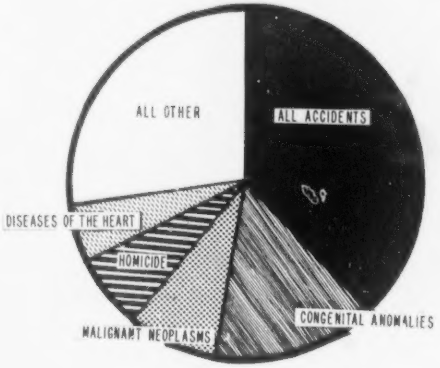
LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS

VIRGINIA , 1980

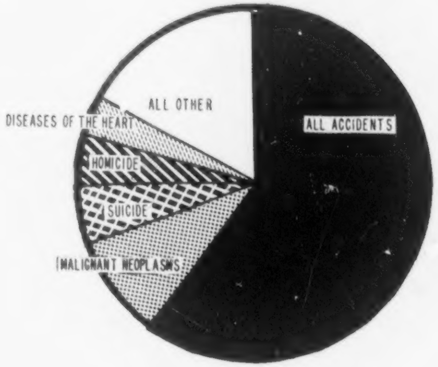
INFANT UNDER 1 YEAR



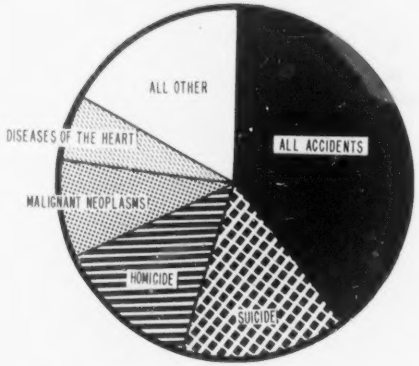
PRESCHOOL , 1-4 YEARS



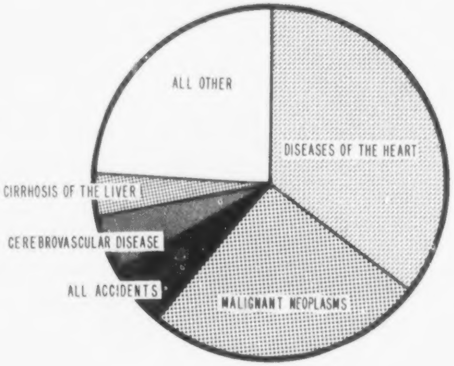
SCHOOL , 5-19 YEARS



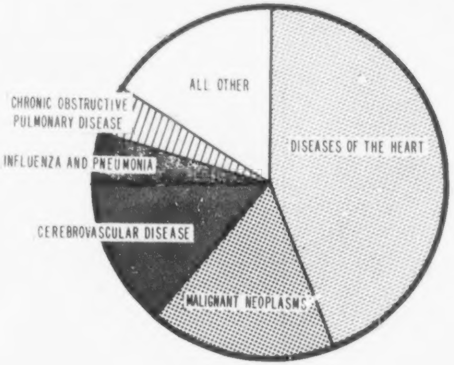
YOUNG ADULT , 20-34 YEARS



ADULT, 35 - 64 YEARS



RETIRED , 65 YEARS AND OVER



As in previous years, accidents was the leading cause of death for Virginians in age groups 1-4 years, 5-14 years, 15-24 years and 25-44 years. These age groups accounted for only 3,828, or 9.0 percent, of the total 42,496 deaths; but, 52.9 percent of all accidental deaths occurred in these age groups. Accidents accounted for 737, or 52.2 percent, of the 1,411 deaths of Virginians aged 1 through 24.

Males accounted for 73.3 percent of the accidental deaths compared to 54.9 percent of all deaths. White males alone were over half (55.5 percent) of the accidental death victims. For all major types of accidents, males had a much higher number of deaths than females.

Motor vehicles was again the major cause of accidental deaths contributing 44.1 percent of the total. The 1,081 motor vehicle deaths represented a 7.9 percent increase over 1979. The motor vehicle death rate for 1980 was 20.2 per 100,000 population compared to the United States rate of 24.4 for the same year. Of the total motor vehicle fatalities, 65.6 percent were in the age group 15 through 44.

RESIDENT ACCIDENTAL DEATHS BY LEADING TYPES OF ACCIDENTS BY SEX
VIRGINIA, 1980

Type of Accident	Total	Male	Female
TOTAL	2,450	1,797	653
Motor vehicle (E810-E825)	1,081	832	249
Falls (E880-E888)	362	192	170
Fires (E890-E899)	169	108	61
Drowning and submersion (E910)	160	134	26
Poisoning, all types (E850-E869)	140	99	41
Suffocation from inhaled or ingested object (E911-E912)	78	49	29
Excessive heat, cold, or exposure (E900-E904)	55	47	8
Machinery (E919)	49	47	2
Surgical and medical misadventures and complications (E870-E879)	40	22	18
Firearms (E922)	36	33	3
Electric current (E925)	34	34	
Water transport (E830-E838)	33	30	3
Falling or projected object or caught between objects (E916- E918)	32	31	1
Aircraft (E840-E845)	21	15	6
All other	160	124	36

NOTE: Numbers in parentheses are from ICD, 9th Revision.

The second major cause of accidental deaths was falls, representing 14.8 percent of the total. Of these deaths due to falls, 69.9 percent occurred to those who were 65 years or older.

Of the total accidental deaths, 555, or 22.7 percent, occurred on the home premises. The two principal causes for home accidents were falls (198 deaths) and fire (162 deaths), representing 64.9 percent of all home accidental deaths. There were 16 firearm fatalities in the home representing 44.4 percent of the total accidental deaths by this means. There were 13 motor vehicle deaths and 1 other road vehicle death that occurred on the home premises.

Persons 65 years and older were victims in 44.1 percent of the home accident fatalities. This age group accounted for 75.3 percent of the accidental fall deaths and 32.1 percent of the accidental fire deaths in the home.

CLASSIFICATION OF RESIDENT ACCIDENTAL DEATHS BY RACE, VIRGINIA, 1980

Classification of Accident	Total	White	Nonwhite
TOTAL ACCIDENTAL DEATHS	2,450	1,889	561
Accidental deaths specified as to type:			
Motor vehicle (E810-E825)	1,081	856	225
Other transport (E800-E807,E826-E849)	77	66	11
Home (E850-E949, home)	541	384	157
Other (E850-E949, residual)	751	583	168

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Suicide. Suicide, the seventh leading cause of death in 1980, has been among the ten leading causes of death since 1965. There were 718 suicide deaths recorded for Virginia residents in 1980, representing a decrease of 7.9 percent from the 775 occurring in 1979. The resulting rate, 13.4 deaths per 100,000 population, was higher than the United States rate of 12.7 for 1980.

Suicides were more frequent among whites than nonwhites. While nonwhites comprised 20.9 percent of the population in 1980, only 10.0 percent of the suicidal deaths occurred in that group. Of all suicides, 70.6 percent involved white males; 19.4 percent, white females; 8.2 percent, nonwhite males; and 1.8 percent, nonwhite females.

RESIDENT SUICIDES BY AGE, BY RACE AND SEX
WITH RATES PER 100,000 POPULATION, VIRGINIA, 1980

Race/Sex	Total	Age Groups								
		Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over	Unk.
TOTAL	718	-	135	154	111	110	99	69	39	1
White male	507		97	102	79	70	70	59	29	1
White female	139		19	35	24	28	21	6	6	
Nonwhite male	59		16	15	7	8	5	4	4	
Nonwhite female	13		3	2	1	4	3			
TOTAL RATES*	17.2		13.0	16.7	16.8	20.3	20.1	21.1	20.6	
White male	30.9		23.0	27.6	28.4	31.9	36.9	52.6	56.7	
White female	8.0		4.8	9.4	8.8	12.3	9.8	3.9	5.8	
Nonwhite male	15.8		14.8	17.3	13.2	18.4	12.1	14.3	31.4	
Nonwhite female	3.1		2.7	2.2	1.7	7.8	6.5	0.0	0.0	

*Rates for totals of Race/Sex groups based on ages 15 and over.

The largest percentage of those taking their own lives (21.4 percent) occurred for the group aged 25-34 years. The greatest age specific rate, however, occurred for persons aged 65-74 years. In regard to age-race-sex specific rates, white male rates were highest for all age groups. The rates for white males increased as age increased.

In 1980, suicide was the second leading cause of death for the age group 15-24 (after accidents) and it was the fourth leading cause for the age group 25-44 (after accidents, cancer, and heart disease).

Firearms and explosives were the implements used in 67.1 percent of the suicides. Of the 482 deaths by this means, 57.3 percent were aged 15-44 years. This method was used by 369, or 72.8 percent, of the 507 white males committing suicide and by 42, or 71.2 percent, of the nonwhite males. The second most used method in 1980, poisoning by drugs and medicaments, was responsible for 86, or 12.0 percent, of the total suicides; 60.5 percent of these were white females and 34.9 percent were white males.

RESIDENT SUICIDES BY RACE, SEX AND METHOD
VIRGINIA, 1980

Method	Total	Race/Sex			
		White Male	White Female	Nonwh Male	Nonwh Female
TOTAL	718	507	139	59	13
Firearms and explosives (E955)	482	369	65	42	6
Poisoning by drugs and medicaments (E950.0-E950.5)	86	30	52	1	3
Hanging, strangulation, and suffocation (E953)	60	47	5	6	2
Poisoning by domestic and other gases (E951-E952)	35	31	4		
Submersions (drownings) (E954)	18	7	5	5	1
Jumping from high places (E957)	12	7		5	
Poisoning by other solid and liquid substances (E950.6-E950.9)	8	4	3		1
Cutting and piercing instruments (E956)	3	2	1		
Other and unspecified means (E958)	13	10	3		
Late effects of self-inflicted injury (E959)	1		1		

NOTE: Numbers in parentheses are from ICD, 9th Revision.

Homicides. Of the 42,496 deaths occurring to Virginia residents in 1980, homicides accounted for 1.2 percent. The total, 496, represented a decrease of 1.0 percent from the 501 homicidal deaths in 1979. Virginia's death rate resulting from homicides, 9.3 per 100,000 population, was lower than the State's 9.5 rate for 1979 and also lower than the United States rate of 11.3 for 1980.

In 1980, 237 of the homicide victims were white and 259 were nonwhite, producing rates of 5.6 and 23.2 per 100,000 population, respectively. Homicide was the fifth ranking cause of death for nonwhite males, the ninth for nonwhite females, the twelfth for white males, and the fifteenth for white females.

Homicide was the third leading cause of death for the 15-24 age group, fourth for the 1-4 age group, and fifth for the 5-14 and 25-44 age groups. The median age of death for homicide victims was 32.8 years. For nonwhite males, it was 32.9 years, and for white males, 34.5 years.

Firearms and explosives were the implements used in 339, or 68.3 percent, of the homicides in 1980. Assault by cutting and piercing instruments, with 78, was the second most frequently used method. Six deaths were the result of injuries inflicted through legal intervention.

RESIDENT HOMICIDE DEATHS BY RACE BY METHOD
VIRGINIA, 1980

Method	Total	White	Nonwhite
TOTAL	496	237	259
Assault by:			
Firearms and explosives (E965)	339	171	168
Cutting and piercing instruments (E966)	78	30	48
Hanging and strangulation (E963)	16	8	8
Submersion (drowning) (E964)	2	1	1
Other and unspecified means (E968)	46	21	25
Child battering and other maltreatment (E967)	7	2	5
Fight, brawl, rape (E960)	2	1	1
Injury due to legal intervention (E970-E978)	6	3	3

NOTE: Numbers in parentheses are from ICD, 9th Revision.

MARRIAGES

In 1980, 60,210 marriages were performed in Virginia, an increase of 1,532, or 2.6 percent, from the 58,678 marriages recorded in 1979. Virginia's rate of 11.3 per 1,000 population for 1980 was higher than the United States provisional rate of 10.9 per 1,000 population.

MARRIAGES BY RACE AND SEX
VIRGINIA, 1980

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	60,210	51,467	8,110	633
White males	51,317	50,843	158	316
Black males	8,409	444	7,928	37
Other males	484	180	24	280

Marriages between white males and white females increased (2.9 percent) over the previous year, while for marriages where both parties were black, there was a slight (1.4 percent) decrease.

There were 1,159 interracial marriages in 1980, with 602 of these being between whites and blacks. A total of 444 involved black males and white females, and 158 were between white males and black females. There were 61 marriages recorded between persons classified as black and "other" race, while 496 involved "other" race and whites.

For 43,646 marriages (72.5 percent), both the bride and the groom were residents of Virginia. There were 3,025 (5.0 percent) marriages between resident brides and non-resident grooms, and 1,138 (1.9 percent) between non-resident brides and resident grooms.

Marriages in which both bride and groom were non-residents of Virginia numbered 12,400 in 1980, 20.6 percent of the total number of marriages performed. This was a decrease of 0.7 percent from the 1979 number of 12,486. States of residence most frequently reported by non-resident brides and grooms married in Virginia were West Virginia, Kentucky, Ohio and Pennsylvania.

MARRIAGES WHERE AT LEAST ONE PARTY WAS A NON-RESIDENT
BY STATE OF RESIDENCE, VIRGINIA, 1980

State of Residence	Both from Same State	Bride's State	Groom's State
West Virginia	2,885	3,147	3,134
Kentucky	2,275	2,441	2,465
Ohio	1,925	2,091	2,150
Pennsylvania	1,045	1,183	1,227
North Carolina	510	676	973
Tennessee	486	605	678
Maryland	467	746	888
District of Columbia	432	593	626
New York	206	303	672
Indiana	157	198	207

Norfolk city, with 3,164, led the State in the number of marriages performed. Following in descending order were Fairfax county (3,151), Richmond city (3,040), Virginia Beach city (2,662), and Dickenson county (2,617). These five cities and counties accounted for 24.3 of the total marriages in 1980.

Since 1977 the most frequently stated age for grooms has been twenty-two. This varied from the long time stable twenty-one of previous years. The most frequently stated age for brides remained eighteen. Marriages involving brides under twenty-one constituted 31.2 percent of the total marriages, whereas the percent for grooms was 16.1. Couples where both parties were under twenty-one constituted 13.5 percent of the total marriages. Among the brides, 14,243, or 23.7 percent, and among the grooms, 5,871, or 9.8 percent, were teenagers. The median ages for brides and grooms married in 1980 were 23.7 and 26.0 years, respectively. Comparable 1979 median ages were 23.4 and 25.8.

The 31,970 first marriages for both parties in 1980 accounted for 53.1 percent of the total marriages. The median ages for brides and grooms married for the first time were 20.9 and 22.9.

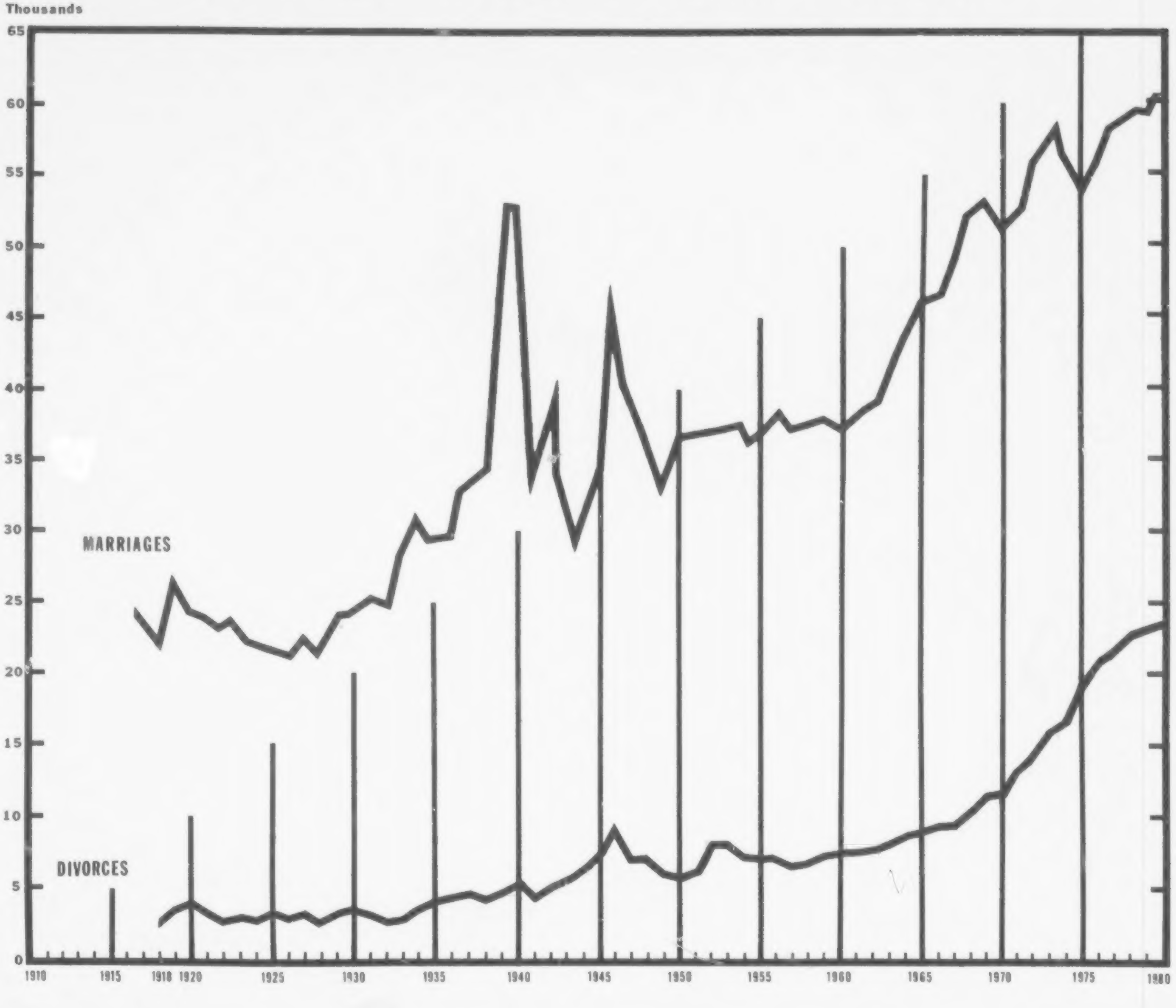
Brides who had previously been married represented 34.8 percent of the total brides, and previously married grooms represented 36.0 percent of the 1980 grooms. In 1979, the percentages for previously married brides and grooms were 34.7 and 36.0, respectively.

The 44,920 religious ceremonies accounted for 74.6 percent of the total 1980 marriages. Protestant clergymen officiated for 90.7 percent of the religious ceremonies, and Catholic clergymen officiated for 5.2 percent.

The number of civil ceremonies (15,279) increased by 5.8 percent over the 1979 figure of 14,448. Civil ceremonies accounted for 25.4 percent of the total marriages in 1980.

CHART G

MARRIAGES AND DIVORCES IN VIRGINIA SINCE 1918



MARRIAGE CEREMONIES, NUMBER AND PERCENT BY TYPE OF OFFICIANT, VIRGINIA, 1980

Type of Officiant	Number	Percent
TOTAL	60,210	100.0
Religious ceremonies	44,920	74.6
Protestant	40,745	67.7
Catholic	2,320	3.9
Jewish	234	0.4
Other denomination	1,164	1.9
Denomination unknown	457	0.7
Civil	15,279	25.4
Unknown	11	*

*Less than 0.05 percent

June, as in previous years, was the most popular month for marriages in 1980. During that month, 7,169 marriages were performed with 81.2 percent of these being religious ceremonies. August with 6,914 and May with 5,933 marriages were the second and third most popular months for marriage in 1980. The fewest marriages occurred in January with 3,225. The daily averages for the months are given in the table below.

DAILY AVERAGE OF MARRIAGES BY MONTH VIRGINIA, 1980

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
165	104	126	130	158	191	239	178	223	165	152	156	150

Of the 38,508 grooms marrying for the first time, 76.3 percent had completed at least 12 years of school. Among the 31,741 white grooms married for the first time, 19.6 percent had finished four or more years of college, while 11.0 percent of the 6,767 nonwhite grooms had finished four or more years of college.

Brides marrying for the first time totaled 39,230 with 77.7 percent completing at least four years of high school. White and nonwhite brides completing four or more years of college were 18.2 and 13.9 percent, respectively.

PERCENT COMPLETING LAST GRADE FOR BRIDES AND GROOMS MARRYING FOR THE FIRST TIME BY RACE VIRGINIA, 1980

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Groom								
Total	100.0	1.0	3.7	19.0	42.5	15.7	18.1	*
White	100.0	0.9	3.8	18.7	41.5	15.5	19.6	*
Nonwhite	100.0	1.5	3.0	20.4	47.3	16.8	11.0	*
Bride								
Total	100.0	0.4	2.8	19.0	42.3	18.0	17.4	0.1
White	100.0	0.4	2.8	19.4	41.6	17.5	18.2	0.1
Nonwhite	100.0	0.7	2.7	17.2	45.4	20.0	13.9	0.1

*Less than 0.05 percent.

Of the 21,690 grooms previously married, 72.1 percent completed at least 12 years of school, and 18.3 percent finished four years of college. For the 20,965 previously married brides, 71.2 percent completed at least high school, and 10.5 percent finished four years of college.

DIVORCES AND ANNULMENTS

In 1980, 23,615 divorces and annulments were granted in Virginia and resulted in a rate of 4.4 per 1,000 population. This rate has remained the same since 1978, thus the last three years have tied for the highest divorce rate on record. However, the 4.4 rate was still lower than the 1980 provisional rate of 5.3 for the United States.

The 1980 Virginia total represented a 0.3 percent increase over the 23,555 divorces and annulments recorded in 1979. This increase, however, was considerably lower than the 4.0 percent increase from 1978 to 1979.

There were 300 interracial divorces in 1980 with 111 separating white and black persons. Twenty-seven divorces involved white males and black females, and 84 involved black males and white females. Twenty-three divorces were granted between persons classified as "other" races and blacks, while 166 divorces involved whites and "other."

DIVORCES AND ANNULMENTS BY RACE AND SEX
VIRGINIA, 1980

Race/Sex	Total	White Females	Black Females	Other Females
TOTAL	23,615	19,775	3,613	227
White males	19,770	19,634	27	109
Black males	3,685	84	3,582	19
Other males	160	57	4	99

Of the total divorces and annulments, 8,835, or 37.4 percent, were granted to persons who were married outside of Virginia.

In 1980, children under 18 were involved in 52.9 percent of the total divorces and annulments. There were approximately 21,101 such children, 854 less than in 1979. In 45.3 percent of the divorces the couples had one or two children, while 7.6 percent of the divorces involved couples with three or more children. Of the divorces in which the husband was white, 51.4 percent had one or more children as compared to 60.8 percent for those divorces in which the husband was nonwhite.

PERCENT OF DIVORCES AND ANNULMENTS WITH NUMBER OF CHILDREN IN FAMILY
BY RACE OF HUSBAND, VIRGINIA, 1980

Children Per Family (18 years and under)	Total	White		Nonwhite	
		Number	Percent	Number	Percent
TOTAL	23,615	19,770	100.0	3,845	100.0
None	9,576	8,246	41.7	1,330	34.6
1 child	6,379	5,258	26.6	1,121	29.2
2 children	4,326	3,571	18.1	755	19.6
3 children	1,272	979	4.9	293	7.6
4 or more children	519	350	1.8	169	4.4
Not stated	1,543	1,366	6.9	177	4.6

In 1980, the median age at divorce for all men was 33.2 years, and 31.0 years for all women. Wives under twenty-one were involved in 4.2 percent of all divorces and annulments occurring in 1980, while only 1.1 percent of divorces involved husbands who were under twenty-one.

Virginia law allows divorce for only a limited number of reasons. In 1980, a total of 84.4 percent of the divorces were granted on grounds of separation for more than one year and 11.0 percent, for desertion. In 60.1 percent of the cases, the divorce was granted to the wife. Annulments totaled 117 in 1980.

NUMBER OF DIVORCES AND ANNULMENTS BY CAUSE WITH PERCENT BY PERSON TO WHOM DIVORCE WAS GRANTED, VIRGINIA, 1980

Cause	Total	Person to Whom Granted					
		Husband		Wife		Other/Unknown	
		Number	Percent	Number	Percent	Number	Percent
TOTAL	23,615	9,249	39.2	14,200	60.1	166	0.7
Separation	19,921	8,024	40.3	11,758	59.0	139	0.7
Desertion	2,595	958	36.9	1,624	62.6	13	0.5
Adultery, Sodomy	458	191	41.7	267	58.3		0.0
Cruelty	423	34	8.0	382	90.3	7	1.7
Imprisonment	72	1	1.4	69	95.8	2	2.8
Other/unknown	29	10	34.5	15	51.7	4	13.8
Annulments	117	31	26.5	85	72.6	1	0.9

Couples for which both parties were ending their first marriage accounted for 70.4 percent of the total number of divorces granted. Of the divorced women, 78.8 percent were ending their first marriage and 17.5 percent, their second marriage. The comparable percentages for men getting divorced were 79.1 and 17.1 percent, respectively.

The median duration of marriage to separation for all divorces was 5.8 years. For divorces in which the husband was white, the median length of time from marriage to separation was 6.0 years, while for divorces in which the husband was nonwhite, the comparable length of time was 4.8 years. For 20.1 percent of the marriages, the couples separated in less than two years, 31.3 percent in 2-5 years, 18.5 percent in 6-9 years, and 29.8 percent in 10 years or more. The duration of marriage was unknown for 0.3 percent of the records.

The largest number of divorces and annulments was granted in Fairfax county (2,731) which includes Fairfax city and Falls Church. This area was followed by Virginia Beach (1,338), Norfolk (1,264), and Richmond city (1,203).

December, with 2,520, was the month with the greatest frequency of divorces. Following in descending order were October (2,123), April (2,078), June (2,039), and July (2,006). The average numbers of divorces per day by month for 1980 are shown in the following table.

DAILY AVERAGE OF DIVORCES AND ANNULMENTS BY MONTH VIRGINIA, 1980

Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
65	54	59	59	69	64	68	65	60	66	68	60	81

Of the 23,615 husbands receiving divorces in 1980, 16,588, or 70.2 percent, had completed at least 12 years of school. Among the 19,770 white husbands, 14,401, or 72.8 percent, had finished 12 years or more of school, while only 2,187, or 56.9 percent, of the 3,845 nonwhite husbands had finished 12 years or more.

PERCENT COMPLETING LAST GRADE FOR HUSBANDS AND WIVES DIVORCED
VIRGINIA, 1980

Race	Total	Elem.		High School		College		Unk.
		0-6	7-8	9-11	12	1-3	4 or more	
Husband								
Total	100.0	3.7	7.3	16.2	37.2	14.8	18.3	2.6
White	100.0	3.2	6.8	15.0	37.1	15.4	20.4	2.1
Nonwhite	100.0	6.4	9.6	22.1	37.4	11.8	7.7	4.9
Wife								
Total	100.0	2.0	5.1	17.6	43.8	16.2	12.9	2.5
White	100.0	1.7	4.8	16.7	44.2	16.6	13.9	2.1
Nonwhite	100.0	3.4	6.4	22.3	41.8	14.1	7.7	4.3

Among the wives, 72.8 percent had completed 12 or more years of education. White and nonwhite wives completing 12 or more years of education were 74.6 and 63.7 percent, respectively. Education was unknown for 2.6 percent of the husbands and 2.5 percent of the wives.

CREMATIONS

In April 1980, as required by Virginia Statute, the Division of Vital Records and Health Statistics began keeping information on the number of cremations that occurred in Virginia. During the period April through December 1980, a total of 1,314 cremations were reported by crematories registered with the Division. The largest number (238) was reported for the month of December giving a ratio of 6.2 cremations per 100 deaths occurring in Virginia during that month. Over one-third (35.8 percent) of the cremations performed in Virginia during the nine month period occurred in the city of Alexandria. This was followed by Goochland with 19.1 percent and Norfolk with 15.2 percent.

NUMBER OF CREMATIONS BY MONTH OCCURRING IN CREMATORIES REGISTERED WITH DIVISION OF VITAL RECORDS AND HEALTH STATISTICS VIRGINIA, APRIL - DECEMBER, 1980

City or County of Occurrence	Month of Occurrence								
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Alexandria	44	51	43	34	42	73	37	24	123
Harrisonburg			4	4	12	7	10	9	8
Newport News							2	3	8
Norfolk	20	17	18	21	27	20	30	28	19
Salem	12	12	15	10	10	13	11	12	11
Virginia Beach	20	16	18	21	15	21	18	15	20
Goochland	30	33	31	29	27	19	27	25	30
Henrico				4	3	9	5	10	16
Tazewell	2			1		1	1		3
TOTAL CREMATIONS	128	129	129	124	136	163	141	126	238
Deaths filed	3,443	3,456	3,199	3,365	3,311	3,220	3,412	3,429	3,828
Ratio	3.7	3.7	4.0	3.7	4.1	5.1	4.1	3.7	6.2

Ratio = Number of cremations occurring in Virginia per 100 deaths occurring in Virginia.

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES
(MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1980

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	78,423	14.7	42,496	7.9	1,075	13.7	30,062	6,448	60,210	23,615	5,346,279
District 1	1,546	15.5	1,010	10.1	33	21.3	54	52	2,390	337	99,644
Lee	369	14.2	278	10.7	6	16.3	3	6	402	91	25,956
Scott	290	11.6	242	9.7	7	24.1	2	1	486	37	25,068
Wise	818	18.6	433	9.9	19	23.2	38	40	1,424	209	43,863
Norton	69	14.5	57	12.0	1	14.5	11	5	78	*	4,757
District 2	2,057	14.7	1,167	8.3	40	19.4	126	120	4,683	443	140,067
Buchanan	616	16.2	263	6.9	14	22.7	37	42	929	108	37,989
Dickenson	302	15.2	179	9.0	5	16.6	13	18	2,617	80	19,806
Russell	426	13.4	263	8.3	4	9.4	10	17	520	113	31,761
Tazewell	713	14.1	462	9.1	17	23.8	66	43	617	142	50,511
District 3	2,131	11.8	1,790	9.9	31	14.5	306	164	1,970	731	181,139
Bland	84	13.2	55	8.7	2	23.8	7	7	82	19	6,349
Carroll	269	9.9	240	8.8	3	11.2	42	24	199	123	27,270
Grayson	173	10.4	160	9.7	1	5.8	17	22	164	78	16,579
Smyth	425	12.7	325	9.7	9	21.2	67	17	314	150	33,366
Washington	560	12.0	420	9.0	8	14.3	48	35	462	183	46,487
Wythe	321	12.6	278	10.9	2	6.2	77	48	319	97	25,522
Bristol	221	11.6	241	12.7	6	27.1	24	1	364	81	19,042
Galax	78	12.0	71	10.9		0.0	24	10	66	*	6,524
District 4	1,539	10.9	1,024	7.2	17	11.0	796	137	2,909	533	141,342
Floyd	142	12.3	101	8.7	2	14.1	29	14	85	31	11,563
Giles	191	10.7	178	10.0	2	10.5	38	23	1,858	67	17,810
Montgomery	656	10.3	309	4.9	6	9.1	453	57	506	234	63,516
Pulaski	439	12.5	331	9.4	6	13.7	121	39	336	153	35,229
Radford	111	8.4	105	7.9	1	9.0	155	4	124	48	13,225
District 5	3,224	12.7	2,536	10.0	34	10.5	1,188	341	2,801	1,187	252,990
Alleghany	195	13.6	121	8.4	2	10.3	39	9	218	89	14,333
Botetourt	258	11.1	184	7.9	2	7.8	69	21	190	102	23,270
Craig	50	12.7	36	9.1	1	20.0	10	1	38	11	3,948
Roanoke	831	11.4	530	7.3	8	9.6	322	94	353	363	72,945
Clifton Forge	53	10.5	86	17.0		0.0	11		147	15	5,046
Covington	126	13.9	122	13.5	1	7.9	28	2	293	*	9,063
Roanoke City	1,427	14.2	1,227	12.2	17	11.9	570	175	1,350	497	100,427
Salem	284	11.9	230	9.6	3	10.6	139	39	212	110	23,958
District 6	2,771	13.3	1,857	8.9	36	13.0	667	153	2,111	803	208,344
Augusta	724	13.5	464	8.6	5	6.9	245	34	404	227	53,732
Bath	71	12.1	70	11.9	2	28.2	17	1	125	21	5,860
Highland	36	12.3	23	7.8	1	27.8	11	3	29	8	2,937
Rockbridge	240	13.4	184	10.3	3	12.5	44	7	113	85	17,911
Rockingham	882	15.5	430	7.5	10	11.3	188	43	464	240	57,038
Buena Vista	72	10.7	58	8.6	1	13.9	17	1	90	42	6,717
Harrisonburg	198	10.1	138	7.0	3	15.2	62	16	236	*	19,671
Lexington	51	7.0	70	9.6	1	19.6	10	1	93	*	7,292
Staunton	273	12.5	256	11.7	6	22.0	47	35	317	98	21,857
Waynesboro	224	14.6	164	10.7	4	17.9	26	12	240	82	15,329
District 7	1,894	14.3	1,300	9.8	16	8.4	231	119	3,301	600	132,492
Clarke	132	13.2	105	10.5	4	30.3	24	5	95	37	9,965
Frederick	532	15.6	208	6.1	2	3.8	62	20	584	149	34,150
Page	294	15.2	226	11.6		0.0	36	24	170	72	19,401
Shenandoah	367	13.3	313	11.4	1	2.7	34	32	294	97	27,559
Warren	292	13.8	198	9.3	5	17.1	49	24	253	102	21,200
Winchester	277	13.7	250	12.4	4	14.4	26	14	1,905	143	20,217
District 8	16,364	14.8	5,527	5.0	167	10.2	6,429	1,498	10,926	5,049	1,105,714
Arlington	1,941	12.7	1,159	7.6	14	7.2	758	157	2,297	739	152,599
Fairfax	8,329	14.0	2,409	4.0	75	9.0	3,663	747	3,151	2,731	596,901
Loudoun	896	15.6	322	5.6	8	8.9	292	53	545	247	57,427
Prince William	2,883	19.9	495	3.4	37	12.8	764	284	908	649	144,703
Alexandria	1,435	13.9	830	8.0	19	13.2	698	184	1,877	683	103,217
Fairfax City	293	15.1	115	5.9	4	13.7	62	7	1,321	*	19,390
Falls Church	107	11.2	86	9.0	1	9.3	102	22	362	*	9,515
Manassas	360	23.3	83	5.4	7	19.4	81	26	461	*	15,438
Manassas Park	120	18.4	28	4.3	2	16.7	9	18	4	*	6,524
District 9	1,361	14.7	835	9.0	6	4.4	386	84	801	316	92,661
Culpeper	332	14.7	184	8.1		0.0	99	20	189	83	22,620
Fauquier	523	14.6	288	8.0	2	3.8	137	45	341	124	35,889
Madison	138	13.5	104	10.2	1	7.2	32	4	92	36	10,232
Orange	301	16.9	221	12.4	3	10.0	92	10	133	57	17,827
Rappahannock	67	11.0	38	6.2		0.0	26	5	46	16	6,093
District 10	2,014	14.0	1,187	8.3	23	11.4	848	141	1,294	603	143,597
Albemarle	744	14.7	349	6.9	8	10.8	379	56	351	236	50,689
Fluvanna	160	15.6	87	8.5	1	6.3	39	7	60	24	10,244
Greene	142	18.6	56	7.3		0.0	30	6	71	33	7,625
Louisa	249	14.0	162	9.1	1	4.0	70	17	127	50	17,825
Nelson	187	15.3	133	10.9	2	10.7	60	14	111	51	12,204
Charlottesville	532	11.8	400	8.9	11	20.7	270	41	574	209	45,010
District 11	2,560	13.2	1,722	8.9	26	10.2	839	251	1,655	791	194,178
Amherst	377	12.9	238	8.2	2	5.3	119	45	230	98	29,122
Appomattox	143	11.9	104	8.7	2	14.0	25	16	98	46	11,971
Bedford	477	13.7	275	7.9	6	12.6	107	32	239	147	34,927
Campbell	655	14.4	321	7.1	6	9.2	164	45	271	169	45,424
Bedford City	68	11.4	109	18.2	1	14.7	22	15	101	*	5,991
Lynchburg	840	12.6	675	10.1	9	10.7	402	98	716	331	66,743

*Included in adjoining county.

(continued)

TABLE 1 - VITAL EVENTS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE WITH RATES (MARRIAGES AND DIVORCES BY PLACE OF OCCURRENCE), VIRGINIA, 1980 (continued)

Planning District/ City or County	Live Births		All Deaths		Infant Deaths		Induced Abortions	Natural Fetal Deaths	Marriages	Divorces	Estimated Total Population
	Number	Rate	Number	Rate	Number	Rate					
STATE OF VIRGINIA	78,423	14.7	42,496	7.9	1,075	13.7	30,062	6,448	60,210	23,615	5,346,279
District 12	3,005	12.5	2,243	9.3	42	14.0	621	226	2,220	899	240,917
Franklin	420	11.8	292	8.2	6	14.3	129	52	273	37	35,740
Henry	742	12.9	425	7.4	5	6.7	159	39	425	272	57,654
Patrick	189	10.7	163	9.3	4	21.2	18	13	148	62	17,585
Pittsylvania	850	12.9	584	8.8	17	20.0	160	65	470	217	66,147
Danville	620	13.6	562	12.3	9	14.5	76	49	556	228	45,642
Martinsville	184	10.1	217	12.0	1	5.4	79	8	348	83	18,149
District 13	1,105	13.4	865	10.5	19	17.2	311	97	657	258	82,587
Brunswick	228	14.6	176	11.3	7	30.7	81	19	98	34	15,632
Halifax	418	13.7	317	10.4	3	7.2	111	40	257	121	30,418
Mecklenburg	381	12.9	288	9.8	6	15.7	99	33	234	103	29,444
South Boston	78	11.0	84	11.8	3	38.5	20	5	68	*	7,093
District 14	1,140	13.6	936	11.2	17	14.9	380	92	659	266	83,549
Amelia	113	13.4	90	10.7	3	26.5	36	9	89	22	8,405
Buckingham	171	14.6	127	10.8	1	5.8	34	8	79	34	11,751
Charlotte	181	14.8	150	12.2	5	27.6	49	17	98	39	12,266
Cumberland	95	12.1	78	9.9		0.0	22	8	57	18	7,881
Lunenburg	146	12.0	137	11.3	3	20.5	51	13	85	40	12,124
Nottoway	208	14.2	195	13.3	2	9.6	66	22	139	55	14,666
Prince Edward	226	13.7	159	9.7	3	13.3	122	15	112	58	16,456
District 15	9,168	14.5	5,525	8.7	144	15.7	6,132	902	5,649	3,292	632,015
Charles City Co.	122	18.2	47	7.0	1	8.2	46	10	54	24	6,692
Chesterfield	2,175	15.4	635	4.5	27	12.4	973	183	853	766	141,372
Goochland	148	12.6	95	8.1	2	13.5	67	15	99	32	11,761
Hanover	651	12.9	398	7.9	10	15.4	341	59	406	227	50,398
Henrico	2,369	13.1	1,483	8.2	29	12.2	1,769	273	1,025	961	180,735
New Kent	121	13.8	57	6.5		0.0	32	10	68	38	8,781
Powhatan	150	11.5	71	5.4		0.0	61	16	104	41	13,062
Richmond City	3,432	15.7	2,739	12.5	75	21.9	2,843	336	3,040	1,203	219,214
District 16	1,789	15.1	792	6.7	34	19.0	597	158	983	480	118,674
Caroline	283	15.8	145	8.1	6	21.2	108	27	102	57	17,904
King George	170	16.1	85	8.1	4	23.5	39	13	75	41	10,543
Spotsylvania	554	16.1	191	5.5	12	21.7	136	48	219	136	34,435
Stafford	584	14.4	202	5.0	6	10.3	157	48	298	176	40,470
Fredericksburg	198	12.9	169	11.0	6	30.3	157	22	289	70	15,322
District 17	518	12.6	557	13.6	14	27.0	190	28	287	127	40,950
Lancaster	114	11.3	164	16.2	4	35.1	49	6	90	33	10,129
Northumberland	116	11.8	148	15.1	4	34.5	31	4	61	28	9,828
Richmond	92	13.2	84	12.1	2	21.7	31	4	48	22	6,952
Westmoreland	196	14.0	161	11.5	4	20.4	79	14	88	44	14,041
District 18	794	13.2	650	10.8	15	18.9	288	32	473	202	59,980
Essex	111	12.5	100	11.3	1	9.0	50	15	59	36	8,864
Gloucester	290	14.4	168	8.4	7	24.1	88	4	132	83	20,107
King and Queen	83	13.9	63	10.6	2	24.1	26	2	52	14	5,968
King William	135	14.5	90	9.6	2	14.8	62	9	87	33	9,327
Mathews	86	10.8	106	13.3	1	11.6	27		63	19	7,995
Middlesex	89	11.5	123	15.9	2	22.5	35	2	80	17	7,719
District 19	2,479	15.3	1,445	8.9	37	14.9	1,188	278	1,914	709	161,959
Dinwiddie	265	11.7	191	8.5	4	15.1	103	18	134	66	22,602
Greensville	175	16.1	118	10.8	3	17.1	71	27	43	62	10,903
Prince George	423	16.4	105	4.1	2	4.7	149	32	230	78	25,733
Surry	87	14.4	62	10.3	1	11.5	39	6	33	23	6,046
Sussex	156	14.3	124	11.4	4	25.6	63	18	80	33	10,874
Colonial Heights	181	11.0	124	7.5	2	11.0	128	16	208	91	16,509
Emporia	72	14.9	69	14.3	2	27.8	16	9	343	*	4,840
Hopewell	420	18.0	192	8.2	3	7.1	167	52	246	138	23,397
Petersburg	700	17.1	460	11.2	16	22.9	452	100	597	218	41,055
District 20	14,750	17.5	6,438	7.6	212	14.4	5,757	1,256	8,461	4,055	843,244
Isle of Wight	320	14.8	189	8.7	6	18.3	70	14	171	89	21,603
Southampton	242	12.9	162	8.6	6	24.8	56	19	137	76	18,731
Chesapeake	1,938	17.4	815	7.1	25	12.6	706	183	806	555	114,226
Franklin City	136	18.6	76	10.4	3	22.1	29	1	76	*	7,308
Norfolk	5,021	18.8	2,420	9.1	76	15.1	2,090	480	3,164	1,264	266,979
Portsmouth	1,885	18.0	1,040	9.9	33	17.5	708	126	1,095	542	104,577
Suffolk	742	15.6	551	11.6	13	17.5	232	77	350	191	47,621
Virginia Beach	4,416	16.8	1,185	4.5	50	11.3	1,866	356	2,662	1,338	262,199
District 21	5,534	16.1	2,471	7.2	106	19.2	2,585	243	3,693	1,785	344,342
James City Co.	253	11.1	150	6.6	6	23.7	40	17	99	135	22,763
York	264	7.4	154	4.3	7	26.5	125	14	219	168	35,463
Hampton	2,056	16.8	820	6.7	38	18.5	1,004	112	1,151	517	122,617
Newport News	2,704	18.7	1,180	8.1	50	18.5	1,167	78	1,755	930	144,903
Poquoson	114	13.1	62	7.1	1	8.8	49	3	44	*	8,726
Williamsburg	143	14.5	105	10.6	4	28.0	200	19	425	35	9,870
District 22	679	14.8	619	13.5	6	8.8	130	74	299	149	45,893
Accomack	441	14.1	447	14.3	5	11.3	89	40	176	97	31,268
Northampton	238	16.3	172	11.8	1	4.2	41	34	123	52	14,625
Unknown	1						13	2	60		
Out-of-state									14		

*Included in adjoining county.

TABLE 2

ADVANCE COUNT*, 1980 CENSUS POPULATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA

Planning District/ City or County	Total	White	Nonwhite
STATE OF VIRGINIA	5,346,279	4,229,734	1,116,545
District 1	99,644	97,996	1,648
Lee	25,956	25,804	152
Scott	25,068	24,887	181
Wise	43,863	42,836	1,027
Norton	4,757	4,469	288
District 2	140,067	137,914	2,153
Buchanan	37,989	37,839	150
Dickenson	19,806	19,673	133
Russell	31,761	31,412	349
Tazewell	50,511	48,990	1,521
District 3	181,139	176,024	5,115
Bland	6,349	6,131	218
Carroll	27,270	27,126	144
Grayson	16,579	16,002	577
Smyth	33,366	32,669	697
Washington	46,487	45,555	932
Wythe	25,522	24,541	981
Bristol	19,042	17,803	1,239
Galax	6,524	6,197	327
District 4	141,343	134,553	6,790
Floyd	11,563	11,152	411
Giles	17,810	17,400	410
Montgomery	63,516	60,540	2,976
Pulaski	35,229	33,211	2,018
Radford	13,225	12,250	975
District 5	252,990	223,372	29,618
Alleghany	14,333	13,923	410
Botetourt	23,270	22,093	1,177
Craig	3,948	3,938	10
Roanoke	72,945	70,877	2,068
Clifton Forge	5,046	4,224	822
Covington	9,063	7,824	1,239
Roanoke City	100,427	77,723	22,704
Salem	23,958	22,770	1,188
District 6	208,344	197,593	10,751
Augusta	53,732	51,478	2,254
Bath	5,860	5,284	576
Highland	2,937	2,919	18
Rockbridge	17,911	17,294	617
Rockingham	57,038	55,976	1,062
Buena Vista	6,717	6,439	278
Harrisonburg	19,671	18,622	1,049
Lexington	7,292	6,322	970
Staunton	21,857	19,295	2,562
Waynesboro	15,329	13,964	1,365
District 7	132,492	126,431	6,061
Clarke	9,965	8,787	1,178
Frederick	34,150	33,559	591
Page	19,401	18,833	568
Shenandoah	27,559	27,103	456
Warren	21,200	19,887	1,313
Winchester	20,217	18,262	1,955
District 8	1,105,714	957,466	148,248
Arlington	152,599	126,120	26,479
Fairfax	596,901	529,325	67,576
Loudoun	57,427	51,529	5,898
Prince William	144,703	128,946	15,757
Alexandria	103,217	74,727	28,490
Fairfax City	19,390	18,099	1,291
Falls Church	9,515	8,846	669
Manassas	15,438	13,736	1,702
Manassas Park	6,524	6,138	386
District 9	92,661	76,254	16,407
Culpeper	22,620	17,834	4,786
Fauquier	35,889	29,994	5,895
Madison	10,232	8,368	1,864
Orange	17,827	14,670	3,157
Rappahannock	6,093	5,388	705
District 10	143,597	116,495	27,102
Albemarle	50,689	44,494	6,195
Fluvanna	10,244	7,204	3,040
Greene	7,625	7,023	602
Louisa	17,825	11,959	5,866
Nelson	12,204	9,261	2,943
Charlottesville	45,010	36,554	8,456
District 11	194,178	156,436	37,742
Amherst	29,122	22,925	6,197
Appomattox	11,971	9,167	2,804
Bedford	34,927	30,867	4,060
Campbell	45,424	38,313	7,111
Bedford City	5,991	4,810	1,181
Lynchburg	66,743	50,354	16,389
District 12	240,917	181,843	59,074
Franklin	35,740	31,350	4,390
Henry	57,654	44,068	13,586
Patrick	17,585	16,176	1,409
Pittsylvania	66,147	46,052	20,095
Danville	45,642	31,846	13,796
Martinsville	18,149	12,351	5,798
District 13	82,587	46,820	35,767
Brunswick	15,632	6,631	9,001
Halifax	30,418	18,188	12,230
Mecklenburg	29,444	17,522	11,922
South Boston	7,093	4,479	2,614
District 14	83,549	50,298	33,251
Amelia	8,405	5,144	3,261
Buckingham	11,751	6,749	5,002
Charlotte	12,266	7,516	4,750
Cumberland	7,881	4,466	3,415
Lunenburg	12,124	7,329	4,795
Nottoway	14,666	8,900	5,766
Prince Edward	16,456	10,194	6,262
District 15	632,015	450,326	181,689
Charles City Co.	6,692	1,397	5,295
Chesterfield	141,372	125,841	15,531
Goochland	11,761	7,455	4,306
Hanover	50,398	43,615	6,783
Henrico	180,735	151,187	29,548
New Kent	8,781	6,379	2,402
Powhatan	13,062	9,709	3,353
Richmond City	219,214	104,743	114,471
District 16	118,674	96,179	22,495
Caroline	17,904	9,917	7,987
King George	10,543	8,044	2,499
Spotsylvania	34,435	29,013	5,422
Stafford	40,470	37,116	3,354
Fredericksburg	15,322	12,089	3,233
District 17	40,950	26,612	14,338
Lancaster	10,129	6,740	3,389
Northumberland	9,828	6,506	3,322
Richmond	6,952	4,720	2,232
Westmoreland	14,041	8,646	5,395
District 18	59,980	43,212	16,768
Essex	8,864	5,224	3,640
Gloucester	20,107	16,888	3,219
King and Queen	5,968	3,152	2,816
King William	9,327	5,942	3,385
Mathews	7,995	6,551	1,444
Middlesex	7,719	5,455	2,264
District 19	161,959	93,933	68,026
Dinwiddie	22,602	12,867	9,735
Greensville	10,903	4,697	6,206
Prince George	25,733	16,965	8,768
Surry	6,046	2,264	3,782
Sussex	10,874	4,233	6,641
Colonial Heights	16,509	16,169	340
Emporia	4,840	2,874	1,966
Hopewell	23,397	18,427	4,970
Petersburg	41,055	15,437	25,618
District 20	843,244	576,760	266,484
Isle of Wight	21,603	12,653	8,950
Southampton	18,731	9,667	9,064
Chesapeake	114,226	81,181	33,045
Franklin City	7,308	3,246	4,062
Norfolk	266,979	162,300	104,679
Portsmouth	104,577	56,190	48,387
Suffolk	47,621	24,735	22,886
Virginia Beach	262,199	226,788	35,411
District 21	344,342	236,197	108,145
James City Co.	22,763	16,035	6,728
York	35,463	28,636	6,827
Hampton	122,617	78,338	44,279
Newport News	144,903	95,941	48,962
Poquoson	8,726	8,623	103
Williamsburg	9,870	8,624	1,246
District 22	45,893	27,020	18,873
Accomack	31,268	19,753	11,515
Northampton	14,625	7,267	7,358

*From PHC 80-V-48 issued March, 1981 by the Bureau of the Census, U.S. Department of Commerce.

TABLE 3

ESTIMATED POPULATION, BIRTHS, DEATHS, MARRIAGES, AND DIVORCES WITH RATES PER 1,000 POPULATION BY RACE, VIRGINIA, 1961-1980

YEAR	RACE	ESTIMATED POPULATION	RESIDENT BIRTHS		RESIDENT DEATHS		MARRIAGES		DIVORCES (including annulments)	
			Number	Rate	Number	Rate	Number	Rate	Number	Rate
1961	Total	4,036,326	97,087	24.1	34,008	8.4	38,300	9.5	7,559	1.9
	White	3,200,016	73,027	22.8	25,143	7.9	31,613	9.9	6,005	1.9
	Nonwhite	836,310	24,060	28.8	8,865	10.6	6,687	8.0	1,554	1.9
1962	Total	4,126,150	96,565	23.4	35,618	8.6	39,703	9.6	7,674	1.9
	White	3,279,210	73,150	22.3	26,366	8.0	32,793	10.0	6,075	1.9
	Nonwhite	846,940	23,415	27.6	9,252	10.9	6,910	8.2	1,599	1.9
1963	Total	4,237,473	96,854	22.9	36,904	8.7	42,085	9.9	8,101	1.9
	White	3,374,584	73,078	21.7	27,360	8.1	34,935	10.4	6,542	1.9
	Nonwhite	862,889	23,776	27.6	9,544	11.1	7,150	8.3	1,559	1.8
1964	Total	4,307,591	96,966	22.5	36,525	8.5	43,504	10.1	8,580	2.0
	White	3,435,622	73,051	21.3	27,133	7.9	36,319	10.6	7,033	2.0
	Nonwhite	871,969	23,915	27.4	9,392	10.8	7,185	8.2	1,547	1.8
1965	Total	4,425,637	89,139	20.1	37,043	8.4	45,976	10.4	8,889	2.0
	White	3,540,939	66,788	18.9	27,765	7.8	38,794	11.0	7,307	2.1
	Nonwhite	884,698	22,351	25.3	9,278	10.5	7,182	8.1	1,582	1.8
1966	Total	4,525,976	84,538	18.7	37,358	8.3	46,819	10.3	9,512	2.1
	White	3,636,309	63,747	17.5	28,098	7.7	39,487	10.9	7,841	2.2
	Nonwhite	889,667	20,791	23.4	9,260	10.4	7,332	8.2	1,671	1.9
1967	Total	4,602,091	82,775	18.0	37,191	8.1	48,653	10.6	9,682	2.1
	White	3,706,154	62,769	16.9	27,939	7.5	40,881	11.0	7,975	2.2
	Nonwhite	895,937	20,006	22.3	9,252	10.3	7,772	8.7	1,707	1.9
1968	Total	4,692,675	82,138	17.5	39,687	8.5	52,173	11.1	10,571	2.3
	White	3,780,317	63,296	16.7	29,852	7.9	44,008	11.6	8,715	2.3
	Nonwhite	912,358	18,842	20.7	9,835	10.8	8,165	8.9	1,856	2.0
1969	Total	4,781,175	83,420	17.4	39,048	8.2	52,575	11.0	11,417	2.4
	White	3,858,719	64,833	16.8	29,368	7.6	44,367	11.5	9,460	2.5
	Nonwhite	922,456	18,587	20.1	9,680	10.5	8,208	8.9	1,957	2.1
1970	Total	4,665,532	86,081	18.5	39,009	8.4	51,964	11.1	11,879	2.5
	White	3,772,853	66,657	17.7	29,618	7.9	44,066	11.7	9,880	2.6
	Nonwhite	892,679	19,424	21.8	9,391	10.5	7,898	8.8	1,999	2.2
1971	Total	4,714,227	82,713	17.5	39,464	8.4	52,158	11.1	13,261	2.8
	White	3,825,758	63,592	16.6	30,282	7.9	44,202	11.6	11,083	2.9
	Nonwhite	888,469	19,121	21.5	9,182	10.3	7,956	9.0	2,178	2.5
1972	Total	4,764,000	75,068	15.8	40,886	8.6	55,863	11.7	14,155	3.0
	White	3,871,370	57,440	14.8	31,392	8.1	47,232	12.2	11,741	3.0
	Nonwhite	892,630	17,628	19.7	9,494	10.6	8,631	9.7	2,414	2.7
1973	Total	4,811,000	71,665	14.9	41,103	8.5	58,431	12.1	16,078	3.3
	White	3,921,430	54,877	14.0	31,536	8.0	49,388	12.6	13,202	3.4
	Nonwhite	889,570	16,788	18.9	9,567	10.8	9,043	10.2	2,876	3.2
1974	Total	4,908,000	71,066	14.5	40,561	8.3	56,617	11.5	16,704	3.4
	White	4,015,380	54,248	13.5	31,298	7.8	47,882	11.9	13,871	3.5
	Nonwhite	892,620	16,818	18.8	9,263	10.4	8,735	9.8	2,833	3.2
1975	Total	4,966,200	70,032	14.1	39,543	8.0	54,688	11.0	19,361	3.9
	White	4,068,490	53,207	13.1	30,522	7.5	46,907	11.5	16,332	4.0
	Nonwhite	897,710	16,825	18.7	9,021	10.0	7,781	8.7	3,029	3.4
1976	Total	5,032,300*	69,972	13.9	40,056	8.0	56,469	11.2	21,381	4.2
	White	4,095,340	53,012	12.9	30,946	7.6	48,478	11.8	18,077	4.4
	Nonwhite	936,360	16,960	18.1	9,110	9.7	7,991	8.5	3,304	3.5
1977	Total	5,134,500*	74,246	14.5	39,744	7.7	57,778	11.3	21,459	4.2
	White	4,184,080	55,662	13.3	30,642	7.3	49,175	11.8	18.181	4.3
	Nonwhite	950,520	18,584	19.6	9,102	9.6	8,603	9.1	3,278	3.4
1978	Total	5,148,100*	73,349	14.2	40,649	7.9	58,967	11.5	22,654	4.4
	White	4,152,430	54,921	13.2	31,497	7.6	50,187	12.1	19,182	4.6
	Nonwhite	995,470	18,428	18.5	9,152	9.2	8,780	8.8	3,472	3.5
1979	Total	5,259,424	76,899	14.6	40,798	7.8	58,678	11.2	23,555	4.5
	White	4,152,277	56,736	13.7	31,749	7.6	49,775	12.0	19,678	4.7
	Nonwhite	1,107,147	20,163	18.2	9,049	8.2	8,903	8.0	3,877	3.5
1980	Total	5,346,279	78,423	14.7	42,496	7.9	60,210	11.3	23,615	4.4
	White	4,229,734	58,047	13.7	32,865	7.8	51,317	12.1	19,770	4.7
	Nonwhite	1,116,545	20,376	18.2	9,631	8.6	8,893	8.0	3,845	3.4

*Due to rounding, the sum of the white and nonwhite is not equal to the total.

TABLE 4

RESIDENT ILLEGITIMATE BIRTHS AND IMMATURE BIRTHS WITH PERCENT OF TOTAL BIRTHS, AND DEATHS UNDER ONE YEAR AND UNDER 28 DAYS WITH RATE PER 1,000 LIVE BIRTHS BY RACE

VIRGINIA, 1961-1980

Year	Race	Illegitimate Births		Immature Births		Infant Deaths			
						Total Under One Year		Under 28 Days	
		Number	Percent	Number	Percent	Number	Rate	Number	Rate
1961	Total	7,888	8.1	N.A.		2,704	27.9	1,937	20.0
	White	1,976	2.7			1,669	22.9	1,280	17.5
	Nonwhite	5,912	24.6			1,035	43.0	657	27.3
1962	Total	8,010	8.3	8,493	8.8	2,824	29.2	2,029	21.0
	White	2,088	2.9	5,502	7.5	1,736	23.7	1,332	18.2
	Nonwhite	5,922	25.3	2,991	12.8	1,088	46.5	697	29.8
1963	Total	8,260	8.5	8,771	9.1	2,831	29.2	2,026	20.9
	White	2,324	3.2	5,600	7.7	1,758	24.1	1,333	18.2
	Nonwhite	5,936	25.0	3,171	13.3	1,073	45.1	693	29.1
1964	Total	8,638	8.9	8,716	9.0	2,691	27.8	1,948	20.1
	White	2,438	3.3	5,425	7.4	1,644	22.5	1,272	17.4
	Nonwhite	6,200	25.9	3,291	13.8	1,047	43.8	676	28.3
1965	Total	8,900	10.0	7,987	9.0	2,364	26.5	1,675	18.8
	White	2,599	3.9	5,000	7.5	1,475	22.1	1,115	16.7
	Nonwhite	6,301	28.2	2,987	13.4	889	39.8	560	25.1
1966	Total	9,176	10.9	7,581	9.0	2,129	25.2	1,560	18.5
	White	2,847	4.5	4,737	7.4	1,352	21.2	1,058	16.6
	Nonwhite	6,329	30.4	2,844	13.7	777	37.4	502	24.1
1967	Total	9,178	11.1	7,469	9.0	2,007	24.2	1,460	17.6
	White	2,907	4.6	4,710	7.5	1,254	20.0	974	15.5
	Nonwhite	6,271	31.3	2,759	13.8	753	37.6	486	24.3
1968	Total	9,397	11.4	7,221	8.8	1,885	22.9	1,405	17.1
	White	3,139	5.0	4,641	7.3	1,189	18.8	943	14.9
	Nonwhite	6,258	33.2	2,580	13.7	696	36.9	462	24.5
1969	Total	9,583	11.5	7,126	8.5	1,849	22.2	1,399	16.8
	White	3,323	5.1	4,684	7.2	1,231	19.0	963	14.9
	Nonwhite	6,260	33.7	2,442	13.1	618	33.2	436	23.5
1970	Total	10,263	11.9	7,200	8.4	1,790	20.8	1,400	16.3
	White	3,354	5.0	4,549	6.8	1,144	17.2	927	13.9
	Nonwhite	6,909	35.6	2,651	13.6	646	33.3	473	24.4
1971	Total	10,071	12.2	6,658	8.0	1,697	20.5	1,280	15.5
	White	3,004	4.7	4,284	6.7	1,126	17.7	861	13.5
	Nonwhite	7,067	37.0	2,374	12.4	571	29.9	419	21.9
1972	Total	9,806	13.1	5,956	7.9	1,524	20.3	1,161	15.5
	White	2,699	4.7	3,710	6.5	986	17.2	768	13.4
	Nonwhite	7,107	40.3	2,246	12.7	538	30.5	393	22.3
1973	Total	9,514	13.3	5,478	7.6	1,313	18.3	1,000	14.0
	White	2,707	4.9	3,471	6.3	872	15.9	686	12.5
	Nonwhite	6,807	40.5	2,007	12.0	441	26.3	314	18.[illegible]
1974	Total	9,738	13.7	5,394	7.6	1,236	17.4	947	13.3
	White	2,782	5.1	3,365	6.2	797	14.7	612	11.3
	Nonwhite	6,956	41.4	2,029	12.1	439	26.1	335	19.9
1975	Total	10,220	14.6	5,377	7.7	1,233	17.6	931	13.3
	White	3,040	5.7	3,322	6.2	802	15.1	600	11.3
	Nonwhite	7,180	42.7	2,055	12.2	431	25.6	331	19.7
1976	Total	10,703	15.3	5,274	7.5	1,143	16.3	838	12.0
	White	3,334	6.3	3,207	6.0	699	13.2	518	9.8
	Nonwhite	7,369	43.4	2,067	12.2	444	26.2	320	18.9
1977	Total	12,125	16.3	5,451	7.3	1,167	15.7	834	11.2
	White	3,742	6.7	3,287	5.9	724	13.0	511	9.2
	Nonwhite	8,383	45.1	2,164	11.6	443	23.8	323	17.4
1978	Total	12,546	17.1	5,399	7.4	989	13.5	692	9.4
	White	3,953	7.2	3,247	5.9	511	11.1	422	7.7
	Nonwhite	8,593	46.6	2,152	11.7	378	20.5	270	14.7
1979	Total	14,246	18.5	5,814	7.6	1,135	14.8	835	10.[illegible]
	White	4,417	7.8	3,461	6.1	712	12.5	530	9.3
	Nonwhite	9,829	48.7	2,353	11.7	423	21.0	305	15.1
1980	Total	14,995	19.1	5,916	7.5	1,075	13.7	779	9.9
	White	4,950	8.5	3,404	5.9	686	11.8	488	8.4
	Nonwhite	10,045	49.3	2,512	12.3	389	19.1	291	14.3

N.A. - Not Available

TABLE 5
RESIDENT TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, ALL FETAL DEATHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS WITH RATES PER 1,000 FEMALES AGED 15-44 BY RACE
VIRGINIA, 1961-1980

Year	Race	Total Pregnancy Terminations		Live Births		All Fetal Deaths					
						Total		Induced Abortions*		Natural Fetal Deaths*	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1961	Total	104,334	122.2	97,087	113.7	7,247	8.5				
	White	78,666	114.8	73,027	106.6	5,639	8.2				
	Nonwhite	25,668	152.4	24,060	142.9	1,608	9.5				
1962	Total	104,075	119.5	96,565	110.8	7,510	8.6				
	White	79,024	112.8	73,150	104.4	5,874	8.4				
	Nonwhite	25,051	146.9	23,415	137.3	1,636	9.6				
1963	Total	104,363	117.4	96,854	109.0	7,509	8.4				
	White	78,915	110.2	73,078	102.0	5,837	8.2				
	Nonwhite	25,448	147.4	23,776	137.7	1,672	9.7				
1964	Total	104,160	114.9	96,966	107.0	7,194	7.9				
	White	78,645	107.5	73,051	99.8	5,594	7.6				
	Nonwhite	25,515	146.0	23,915	136.9	1,600	9.2				
1965	Total	95,855	103.7	89,139	96.5	6,716	7.3				
	White	72,025	96.4	66,788	89.4	5,237	7.0				
	Nonwhite	23,830	134.8	22,351	126.4	1,479	8.4				
1966	Total	90,957	96.6	84,538	89.8	6,419	6.8				
	White	68,682	90.0	63,747	83.6	4,935	6.5				
	Nonwhite	22,275	124.5	20,791	116.2	1,484	8.3				
1967	Total	88,604	92.4	82,775	86.3	5,829	6.1				
	White	67,248	86.4	62,769	80.6	4,479	5.8				
	Nonwhite	21,356	118.0	20,006	110.5	1,350	7.5				
1968	Total	88,178	90.2	82,138	84.1	6,040	6.2				
	White	67,975	85.6	63,296	79.7	4,679	5.9				
	Nonwhite	20,203	110.2	18,842	102.9	1,361	7.4				
1969	Total	89,801	90.3	83,420	83.9	6,381	6.4				
	White	69,865	86.3	64,833	80.1	5,032	6.2				
	Nonwhite	19,936	107.6	18,587	100.3	1,349	7.3				
1970	Total	94,554	93.4	86,081	85.0	8,473	8.4	1,633	1.6	6,840	6.8
	White	73,388	89.0	66,657	80.8	6,731	8.2	1,428	1.7	5,303	6.4
	Nonwhite	21,166	113.0	19,424	103.7	1,742	9.3	205	1.1	1,537	8.2
1971	Total	92,573	88.8	82,713	79.4	9,860	9.5	3,764	3.6	6,096	5.8
	White	70,720	83.1	63,592	74.7	7,128	8.4	2,528	3.0	4,600	5.4
	Nonwhite	21,853	114.3	19,121	100.0	2,732	14.3	1,236	6.5	1,496	7.8
1972	Total	85,547	79.8	75,068	70.0	10,479	9.8	4,564	4.3	5,915	5.5
	White	64,193	73.2	57,440	65.5	6,753	7.7	2,371	2.7	4,382	5.0
	Nonwhite	21,354	109.4	17,628	90.3	3,726	19.1	2,193	11.2	1,533	7.9
1973	Total	84,373	76.6	71,665	65.0	12,708	11.5	7,136	6.5	5,572	5.1
	White	63,093	69.9	54,877	60.8	8,216	9.1	4,068	4.5	4,148	4.6
	Nonwhite	21,280	106.9	16,788	84.3	4,492	22.6	3,068	15.4	1,424	7.2
1974	Total	90,257	79.7	71,066	62.8	19,191	17.0	13,594	12.0	5,597	4.9
	White	66,896	72.0	54,248	58.4	12,648	13.6	8,437	9.1	4,211	4.5
	Nonwhite	23,361	115.1	16,818	82.9	6,543	32.2	5,157	25.4	1,386	6.8
1975	Total	92,915	80.0	70,032	60.3	22,883	19.7	17,066	14.7	5,817	5.0
	White	67,815	71.0	53,207	55.7	14,608	15.3	10,365	10.9	4,243	4.4
	Nonwhite	25,100	121.3	16,825	81.3	8,275	40.0	6,701	32.4	1,574	7.6
1976	Total	97,604	82.3	69,972	59.0	27,632	23.3	21,563	18.2	6,069	5.1
	White	70,602	72.6	53,012	54.5	17,590	18.1	13,201	13.6	4,389	4.5
	Nonwhite	27,002	126.9	16,960	79.7	10,042	47.2	8,362	39.3	1,680	7.9
1977	Total	105,831	87.2	74,246	61.2	31,585	26.0	25,399	20.9	6,186	5.1
	White	76,298	76.5	55,662	55.8	20,636	20.7	16,170	16.2	4,466	4.5
	Nonwhite	29,533	136.2	18,584	85.7	10,949	50.5	9,229	42.6	1,720	7.9
1978	Total	107,972	86.4	73,349	58.7	34,623	27.7	28,492	22.8	6,131	4.9
	White	78,953	78.5	54,921	54.6	24,032	23.9	19,642	19.5	4,390	4.4
	Nonwhite	29,019	119.5	18,428	75.9	10,591	43.6	8,850	36.4	1,741	7.2
1979	Total	112,559	88.2	76,899	60.2	35,660	27.9	29,455	23.1	6,205	4.9
	White	81,609	79.6	56,736	55.2	24,873	24.3	20,453	20.0	4,420	4.3
	Nonwhite	30,950	122.9	20,163	80.1	10,787	42.8	9,002	35.8	1,785	7.1
1980	Total	114,933	88.1	78,423	60.1	36,510	28.0	30,062	23.1	6,448	4.9
	White	83,693	80.2	58,047	55.6	25,646	24.6	21,026	20.1	4,620	4.4
	Nonwhite	31,240	119.9	20,376	78.2	10,864	41.7	9,036	34.7	1,828	7.0

*Only total fetal deaths were reported prior to 1970 when induced abortions became legal.

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	75,338	55,375	19,963	78,423	58,047	20,376	14.7	13.7	18.2
District 1	1,275	1,250	25	1,546	1,522	24	15.5	15.5	14.6
Lee	7	7		369	369		14.2	14.3	0.0
Scott				290	286	4	11.6	11.5	22.1
Wise	1,011	993	18	818	801	17	18.6	18.7	16.6
Norton	257	250	7	69	66	3	14.5	14.8	10.4
District 2	1,480	1,470	10	2,057	2,033	24	14.7	14.7	11.1
Buchanan	311	311		616	614	2	16.2	16.2	13.3
Dickenson				302	302		15.2	15.4	0.0
Russell	192	191	1	426	423	3	13.4	13.5	8.6
Tazewell	977	968	9	713	694	19	14.1	14.2	12.5
District 3	1,672	1,623	49	2,131	2,063	68	11.8	11.7	13.3
Bland				84	84		13.2	13.7	0.0
Carroll	1	1		269	268	1	9.9	9.9	6.9
Grayson	3	3		173	163	10	10.4	10.2	17.3
Smyth	407	398	9	425	419	6	12.7	12.8	8.6
Washington	548	541	7	560	551	9	12.0	12.1	9.7
Wythe	292	276	16	321	304	17	12.6	12.4	17.3
Bristol				221	202	19	11.6	11.3	15.3
Galax	421	404	17	78	72	6	12.0	11.6	18.3
District 4	1,459	1,400	59	1,539	1,467	72	10.9	10.9	10.6
Floyd	8	8		142	137	5	12.3	12.3	12.2
Giles	86	83	3	191	187	4	10.7	10.7	9.8
Montgomery	562	544	18	656	629	27	10.3	10.4	9.1
Pulaski	111	103	8	439	413	26	12.5	12.4	12.9
Radford	692	662	30	111	101	10	8.4	8.2	10.3
District 5	4,092	3,545	547	3,224	2,753	471	12.7	12.3	15.9
Alleghany	534	500	34	195	192	3	13.6	13.8	7.3
Botetourt	1	1		258	251	7	11.1	11.4	5.9
Craig	1	1		50	50		12.7	12.7	0.0
Roanoke	5	5		831	804	27	11.4	11.3	13.1
Clifton Forge				53	48	5	10.5	11.4	6.1
Covington				126	107	19	13.9	13.7	15.3
Roanoke City	2,749	2,284	465	1,427	1,029	398	14.2	13.2	17.5
Salem	802	754	48	284	272	12	11.9	11.9	10.1
District 6	3,011	2,869	142	2,771	2,632	139	13.3	13.3	12.9
Augusta	6	6		724	698	26	13.5	13.6	11.5
Bath	25	22	3	71	67	4	12.1	12.7	6.9
Highland	1	1		36	35	1	12.3	12.0	55.6
Rockbridge	3	3		240	235	5	13.4	13.6	8.1
Rockingham	10	9	1	882	864	18	15.5	15.4	16.9
Buena Vista				72	69	3	10.7	10.7	10.8
Harrisonburg	1,406	1,368	38	198	184	14	10.1	9.9	13.3
Lexington	346	331	15	51	44	7	7.0	7.0	7.2
Staunton	504	463	41	273	238	35	12.5	12.3	13.7
Waynesboro	710	666	44	224	198	26	14.6	14.2	19.0
District 7	2,086	1,976	110	1,894	1,808	86	14.3	14.3	14.2
Clarke	1	1		132	119	13	13.2	13.5	11.0
Frederick	6	6		532	525	7	15.6	15.6	11.8
Page	2	2		294	286	8	15.2	15.2	14.1
Shenandoah	345	341	4	367	362	5	13.3	13.4	11.0
Warren	240	218	22	292	275	17	13.8	13.8	12.9
Winchester	1,492	1,408	84	277	241	36	13.7	13.2	18.4
District 8	13,946	11,621	2,325	16,364	13,591	2,773	14.8	14.2	18.7
Arlington	1,213	803	410	1,941	1,491	450	12.7	11.8	17.0
Fairfax	7,424	6,425	999	8,329	7,087	1,242	14.0	13.4	18.4
Loudoun	696	611	85	896	792	104	15.6	15.4	17.6
Prince William	661	581	80	2,883	2,559	324	19.9	19.8	20.6
Alexandria	2,833	2,199	634	1,435	862	573	13.9	11.5	20.1
Fairfax City	6	5	1	293	266	27	15.1	14.7	20.9
Falls Church	2	1	1	107	98	9	11.2	11.1	13.5
Manassas	1,109	994	115	360	327	3	23.3	23.8	19.4
Manassas Park	2	2		120	109	11	18.4	17.8	28.5
District 9	738	610	128	1,361	1,080	281	14.7	14.2	17.1
Culpeper	313	253	60	332	245	87	14.7	13.7	18.2
Fauquier	421	353	68	523	446	77	14.6	14.9	13.1
Madison	2	2		138	112	26	13.5	13.4	13.9
Orange	1	1		301	222	79	16.9	15.1	25.0
Rappahannock	1	1		67	55	12	11.0	10.2	17.0
District 10	2,549	1,841	708	2,014	1,513	501	14.0	13.0	18.5
Albemarle	1,356	766	590	744	620	124	14.7	13.9	20.0
Fluvanna	1	1		160	105	55	15.6	14.6	18.1
Greene	2	2		142	131	11	18.6	18.7	18.3
Louisa	4	4		249	160	89	14.0	13.4	15.2
Nelson	3	3		187	138	49	15.3	14.9	16.6
Charlottesville	1,183	1,065	118	532	359	173	11.8	9.8	20.5
District 11	2,707	1,947	760	2,560	1,899	661	13.2	12.1	17.5
Amherst	1		1	377	289	88	12.9	12.6	14.2
Appomattox	1	1		143	109	34	11.9	11.9	12.1
Bedford	3	2	1	477	406	71	13.7	13.2	17.5
Campbell	2		2	655	515	140	14.4	13.4	19.7
Bedford City	253	187	66	68	48	20	11.4	10.0	16.9
Lynchburg	2,447	1,757	690	840	532	308	12.6	10.6	18.8

(continued)

TABLE 6 - LIVE BIRTHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	75,338	55,375	19,963	78,423	58,047	20,376	14.7	13.7	18.2
District 12	2,535	1,702	833	3,005	2,046	959	12.5	11.3	16.2
Franklin	185	115	70	420	350	70	11.8	11.2	15.9
Henry	1	1		742	538	204	12.9	12.2	15.0
Patrick	173	156	17	189	173	16	10.7	10.7	11.4
Pittsylvania	9	5	4	850	530	320	12.9	11.5	15.9
Danville	1,367	828	539	620	346	274	13.6	10.9	19.9
Martinsville	800	597	203	184	109	75	10.1	8.8	12.9
District 13	1,040	505	535	1,105	521	584	13.4	11.1	16.3
Brunswick	7		7	228	85	143	14.6	12.8	15.9
Halifax	4	2	2	418	219	199	13.7	12.0	16.3
Mecklenburg	254	86	168	381	180	201	12.9	10.3	16.9
South Boston	775	417	358	78	37	41	11.0	8.3	15.7
District 14	451	201	250	1,140	588	552	13.6	11.7	16.6
Amelia	1	1		113	77	36	13.4	15.0	11.0
Buckingham	3	3		171	89	82	14.6	13.2	16.4
Charlotte	4		4	181	84	97	14.8	11.2	20.4
Cumberland				95	43	52	12.1	9.6	15.2
Lunenburg	4	2	2	146	62	84	12.0	8.5	17.5
Nottoway	2		2	208	121	87	14.2	13.6	15.1
Prince Edward	437	195	242	226	112	114	13.7	11.0	18.2
District 15	10,832	6,792	4,040	9,168	5,891	3,277	14.5	13.1	18.0
Charles City Co.	1		1	122	28	94	18.2	20.0	17.8
Chesterfield	9	9		2,175	1,943	232	15.4	15.4	14.9
Goochland				148	85	63	12.6	11.4	14.6
Hanover	4	3	1	651	524	127	12.9	12.0	18.7
Henrico	4,181	3,620	561	2,369	1,829	540	13.1	12.1	18.3
New Kent	1	1		121	90	31	13.8	14.1	12.9
Powhatan				150	128	22	11.5	13.2	6.6
Richmond City	6,636	3,159	3,477	3,432	1,264	2,168	15.7	12.1	18.9
District 16	1,417	1,165	252	1,789	1,456	333	15.1	15.1	14.8
Caroline				283	175	108	15.8	17.6	13.5
King George				170	118	52	16.1	14.7	20.8
Spotsylvania	4	3	1	554	478	76	16.1	16.5	14.0
Stafford	5	4	1	584	531	53	14.4	14.3	15.8
Fredericksburg	1,408	1,158	250	198	154	44	12.9	12.7	13.6
District 17	268	175	93	518	275	243	12.6	10.3	16.9
Lancaster	264	173	91	114	62	52	11.3	9.2	15.3
Northumberland	3	1	2	116	63	53	11.8	9.7	16.0
Richmond				92	68	24	13.2	14.4	10.8
Westmoreland	1	1		196	82	114	14.0	9.5	21.1
District 18	32	8	24	794	565	229	13.2	13.1	13.7
Essex	15	1	14	111	59	52	12.5	11.3	14.3
Gloucester	13	5	8	290	243	47	14.4	14.4	14.6
King and Queen	2	1	1	83	50	33	13.9	15.9	11.7
King William	1	1		135	89	46	14.5	15.0	13.6
Mathews				86	61	25	10.8	9.3	17.3
Middlesex	1		1	89	63	26	11.5	11.5	11.5
District 19	2,147	1,153	994	2,479	1,287	1,192	15.3	13.7	17.5
Dinwiddie	2		2	265	151	114	11.7	11.7	11.7
Greensville				175	62	113	16.1	13.2	18.2
Prince George				423	276	147	16.4	14.3	16.8
Surry	1		1	87	31	56	14.4	13.7	14.8
Sussex				156	52	104	14.3	12.3	15.7
Colonial Heights	1	1		181	169	12	11.0	10.5	35.3
Emporia	371	94	277	72	30	42	14.9	10.4	21.4
Hopewell	430	366	[illegible]	420	315	105	18.0	17.1	21.1
Petersburg	1,282	692	590	700	[illegible]	499	17.1	13.0	19.5
District 20	14,934	9,382	5,552	14,750	[illegible]	5,503	17.5	16.0	20.7
Isle of Wight				320	184	136	14.8	14.5	15.2
Southampton	1	1		242	121	121	12.9	12.5	13.3
Chesapeake	22	12	10	1,988	1,273	715	17.4	15.7	21.6
Franklin City	406	200	206	136	56	80	18.6	17.3	19.7
Norfolk	6,680	3,793	2,887	5,021	2,765	2,256	18.8	17.0	21.6
Portsmouth	5,471	3,707	1,764	1,885	854	1,031	19.0	15.2	21.3
Suffolk	731	269	462	742	315	427	15.6	12.7	18.7
Virginia Beach	1,623	1,400	223	4,416	3,679	737	16.8	16.2	20.8
District 21	6,050	3,914	2,146	5,534	3,516	2,018	16.1	14.9	18.7
James City Co.	4	2	2	253	171	82	11.1	10.7	12.2
York	1	1		264	203	61	7.4	7.1	8.9
Hampton	2,328	1,343	985	2,056	1,310	746	16.8	16.7	16.8
Newport News	3,237	2,188	1,049	2,704	1,640	1,064	18.7	17.1	21.7
Poquoson				114	111	3	13.1	12.9	29.1
Williamsburg	490	380	110	143	81	62	14.5	9.4	49.8
District 22	607	226	381	679	293	386	14.8	10.8	20.5
Accomack	16	9	7	441	205	236	14.1	10.4	20.5
Northampton	591	217	374	238	88	150	16.3	12.1	20.4
Unknown				1	1				

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife and Other		Physician	Midwife and Other		Physician	Midwife and Other
STATE OF VIRGINIA	78,423	58,047	20,376	77,885	212	326	57,650	117	280	20,235	95	46
District 1	1,546	1,522	24	1,538	1	7	1,514	1	7	24		
Lee	369	369		363		6	363		6			
Scott	290	286	4	290			286			4		
Wise	818	801	17	817		1	800		1	17		
Norton	69	66	3	68	1		65	1		3		
District 2	2,057	2,033	24	2,051	5	1	2,027	5	1	24		
Buchanan	616	614	2	615	1		613	1		2		
Dickenson	302	302		301	1		301	1				
Russell	426	423	3	425	1		422	1		3		
Tazewell	713	694	19	710	2	1	691	2	1	19		
District 3	2,131	2,063	68	2,125	5	1	2,057	5	1	68		
Bland	84	84		84			84					
Carroll	269	268	1	269			268			1		
Grayson	173	163	10	171	2		161	2		10		
Smyth	425	419	6	425			419			6		
Washington	560	551	9	558	1	1	549	1	1	9		
Wythe	321	304	17	319	2		302	2		17		
Bristol	221	202	19	221			202			19		
Galax	78	72	6	78			72			6		
District 4	1,539	1,467	72	1,523	3	13	1,451	3	13	72		
Floyd	142	137	5	132	2	8	127	2	8	5		
Giles	191	187	4	191			187			4		
Montgomery	656	629	27	651	1	4	624	1	4	27		
Pulaski	439	413	26	438		1	412		1	26		
Radford	111	101	10	111			101			10		
District 5	3,224	2,753	471	3,207	8	9	2,739	6	8	468	2	1
Alleghany	195	192	3	195			192			3		
Botetourt	258	251	7	256	1	1	249	1	1	7		
Craig	50	50		49	1		49	1				
Roanoke	831	804	27	827	1	3	800	1	3	27		
Clifton Forge	53	48	5	53			48			5		
Covington	126	107	19	124	2		105	2		19		
Roanoke City	1,427	1,029	398	1,421	2	4	1,026		3	395	2	1
Salem	284	272	12	282	1	1	270	1	1	12		
District 6	2,771	2,632	139	2,745	10	16	2,607	9	16	138	1	
Augusta	724	698	26	720	2	2	694	2	2	26		
Bath	71	67	4	71			67			4		
Highland	36	35	1	34		2	33		2	1		
Rockbridge	240	235	5	237	1	2	232	1	2	5		
Rockingham	882	864	18	872	3	7	855	2	7	17	1	
Buena Vista	72	69	3	72			69			3		
Harrisonburg	198	184	14	194	2	2	180	2	2	14		
Lexington	51	44	7	50		1	43		1	7		
Staunton	273	238	35	272	1		237	1		35		
Waynesboro	224	198	26	223	1		197	1		26		
District 7	1,894	1,808	86	1,875	7	12	1,789	7	12	86		
Clarke	132	119	13	131	1		118	1		13		
Frederick	532	525	7	526	1	5	519	1	5	7		
Page	294	286	8	292	1	1	284	1	1	8		
Shenandoah	367	362	5	361	3	3	356	3	3	5		
Warren	292	275	17	290		2	273		2	17		
Winchester	277	241	36	275	1	1	239	1	1	36		
District 8	16,364	13,591	2,773	16,226	30	108	13,467	21	103	2,759	9	5
Arlington	1,941	1,491	450	1,923	2	16	1,475	1	15	448	1	1
Fairfax	8,329	7,087	1,242	8,258	17	54	7,025	11	51	1,233	6	3
Loudoun	896	792	104	886	6	4	783	5	4	103	1	
Prince William	2,883	2,559	324	2,865	3	15	2,542	2	15	323	1	
Alexandria	1,435	862	573	1,424		11	851		11	573		
Fairfax City	293	266	27	291	1	1	264	1	1	27		
Falls Church	107	98	9	106		1	98			8		1
Manassas	360	327	33	355	1	4	322	1	4	33		
Manassas Park	120	109	11	118		2	107		2	11		
District 9	1,361	1,080	281	1,346	3	12	1,069		11	277	3	1
Culpeper	332	245	87	329		3	242		3	87		
Fauquier	523	446	77	515	2	6	441		5	74	2	1
Madison	138	112	26	136		2	110		2	26		
Orange	301	222	79	301			222			79		
Rappahannock	67	55	12	65	1	1	54		1	11	1	
District 10	2,014	1,513	501	1,993	3	18	1,493	2	18	500	1	
Albemarle	744	620	124	737	1	6	613	1	6	124		
Fluvanna	160	105	55	159		1	104		1	55		
Greene	142	131	11	140		2	129		2	11		
Louisa	249	160	89	244		5	155		5	89		
Nelson	187	138	49	184	1	2	135	1	2	49		
Charlottesville	532	359	173	529	1	2	357		2	172	1	
District 11	2,560	1,899	661	2,549	8	3	1,894	2	3	655	6	
Amherst	377	289	88	376	1		289			87	1	
Appomattox	143	109	34	141	2		108	1		33	1	
Bedford	477	406	71	474	1	2	404		2	70	1	
Campbell	655	515	140	654	1		515			139	1	
Bedford City	68	48	20	68			48			20		
Lynchburg	840	532	308	836	3	1	530	1	1	[illegible]	2	

(continued)

TABLE 7 - LIVE BIRTHS BY RACE AND PLACE OF DELIVERY BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	ALL LIVE BIRTHS			PLACE OF DELIVERY								
				TOTAL			WHITE			NONWHITE		
				Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth		Hospital Birth	Non-Hosp. Birth	
	Total	White	Nonwhite		Physician	Midwife and Other		Physician	Midwife and Other		Physician	Midwife and Other
STATE OF VIRGINIA	78,423	58,047	20,376	77,885	212	326	57,650	117	280	20,235	95	46
District 12	3,005	2,046	959	2,990	7	8	2,037	2	7	953	5	1
Franklin	420	350	70	418	2		348	2		70		
Henry	742	538	204	741		1	537		1	204		
Patrick	189	173	16	189			173			16		
Pittsylvania	850	530	320	840	5	5	525		5	315	5	
Danville	620	346	274	618		2	345		1	273		1
Martinsville	184	109	75	184			109			75		
District 13	1,105	521	584	1,091	9	5	519	2		572	7	5
Brunswick	228	85	143	221	3	4	85			136	3	4
Halifax	418	219	199	414	4		217	2		197	2	
Mecklenburg	381	180	201	378	2	1	180			198	2	1
South Boston	78	37	41	78			37			41		
District 14	1,140	588	552	1,122	6	12	581	2	5	541	4	7
Amelia	113	77	36	112	1		76	1		36		
Buckingham	171	89	82	169		2	87		2	82		
Charlotte	181	84	97	177		4	84			93		4
Cumberland	95	43	52	95			43			52		
Lunenburg	146	62	84	141	4	1	60	1	1	81	3	
Nottoway	208	121	87	207	1		121			86	1	
Prince Edward	226	112	114	221		5	110		2	111		3
District 15	9,168	5,891	3,277	9,128	23	17	5,863	12	16	3,265	11	1
Charles City Co.	122	28	94	121	1		28			93	1	
Chesterfield	2,175	1,943	232	2,167	5	3	1,935	5	3	232		
Goochland	148	85	63	148			85			63		
Hanover	651	524	127	646	3	2	521	1	2	125	2	
Henrico	2,369	1,829	540	2,355	6	8	1,818	3	8	537	3	
New Kent	121	90	31	119	2		89	1		30	1	
Powhatan	150	128	22	150			128			22		
Richmond City	3,432	1,264	2,168	3,422	6	4	1,259	2	3	2,163	4	1
District 16	1,789	1,456	333	1,778	5	6	1,448	3	5	330	2	1
Caroline	283	175	108	282	1		175			107	1	
King George	170	118	52	170			118			52		
Spotsylvania	554	478	76	549	2	3	474	1	3	75	1	
Stafford	584	531	53	579	2	3	527	2	2	52		1
Fredericksburg	198	154	44	198			154			44		
District 17	518	275	243	512	5	1	272	2	1	240	3	
Lancaster	114	62	52	112	2		61	1		51	1	
Northumberland	116	63	53	113	3		62	1		51	2	
Richmond	92	68	24	92			68			24		
Westmoreland	196	82	114	195		1	81		1	114		
District 18	794	565	229	784	7	3	559	5	1	225	2	2
Essex	111	59	52	110	1		59			51	1	
Gloucester	290	243	47	285	3	2	239	3	1	46		1
King and Queen	83	50	33	81	2		49	1		32	1	
King William	135	89	46	134	1		88	1		46		
Mathews	86	61	25	86			61			25		
Middlesex	89	63	26	88		1	63			25		1
District 19	2,479	1,287	1,192	2,472	4	3	1,284	2	1	1,188	2	2
Dinwiddie	265	151	114	262	1	2	151			111	1	2
Greensville	175	62	113	175			62			113		
Prince George	423	276	147	422	1		275	1		147		
Surry	87	31	56	86	1		31			55	1	
Sussex	156	52	104	156			52			104		
Colonial Heights	181	169	12	180		1	168		1	12		
Emporia	72	30	42	72			30			42		
Hopewell	420	315	105	419	1		314	1		105		
Petersburg	700	201	499	700			201			499		
District 20	14,750	9,247	5,503	14,655	51	44	9,191	20	36	5,464	31	8
Isle of Wight	320	184	136	320			184			136		
Southampton	242	121	121	241		1	120		1	121		
Chesapeake	1,988	1,273	715	1,968	11	9	1,262	4	7	706	7	2
Franklin City	136	56	80	136			56			80		
Norfolk	5,021	2,765	2,256	4,995	19	7	2,754	6	5	2,241	13	2
Portsmouth	1,885	854	1,031	1,871	7	7	349	1	4	1,022	6	3
Suffolk	742	315	427	741	1		315			426	1	
Virginia Beach	4,416	3,679	737	4,383	13	20	3,651	9	19	732	4	1
District 21	5,534	3,516	2,018	5,517	9	8	3,506	4	6	2,011	5	2
James City Co.	253	171	82	250	2	1	169	2		81		1
York	264	203	61	263	1		202	1		61		
Hampton	2,056	1,310	746	2,047	4	5	1,304	1	5	743	3	
Newport News	2,704	1,640	1,064	2,700	2	2	1,639		1	1,061	2	1
Poquoson	114	111	3	114			111			3		
Williamsburg	143	81	62	143			81			62		
District 22	679	293	386	657	3	19	282	2	9	375	1	10
Accomack	441	205	236	425	2	14	196	1	8	229	1	6
Northampton	238	88	150	232	1	5	86	1	1	146		4
Unknown	1	1		1			1					

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	14,995	4,950	10,045	19.1	8.5	49.3	5,916	3,404	2,512	7.5	5.9	12.3	663	0.8
District 1	155	140	15	10.0	9.2	62.5	110	106	4	7.1	7.0	16.7	30	1.9
Lee	43	43		11.7	11.7		28	28		7.6	7.6		6	1.6
Scott	29	26	3	10.0	9.1	75.0	17	16	1	5.9	5.6	25.0	9	3.1
Wise	72	62	10	8.8	7.7	58.8	58	55	3	7.1	6.9	17.6	14	1.7
Norton	11	9	2	15.9	13.6	66.7	7	7		10.1	10.6	0.0	1	1.4
District 2	182	173	9	8.8	8.5	37.5	157	153	4	7.6	7.5	16.7	16	0.8
Buchanan	48	48		7.8	7.8	0.0	49	49		8.0	8.0	0.0	5	0.8
Dickenson	36	36		11.9	11.9		27	27		8.9	8.9		1	0.3
Russell	35	34	1	8.2	8.0	33.3	24	24		5.6	5.7	0.0	6	1.4
Tazewell	63	55	8	8.8	7.9	42.1	57	53	4	8.0	7.6	21.1	4	0.6
District 3	219	186	33	10.3	9.0	48.5	14[illegible]	139	6	6.8	6.7	8.8	32	1.5
Bland				0.0	0.0		9	9		10.7	10.7			0.0
Carroll	13	13		4.8	4.9	0.0	12	12		4.5	4.5	0.0	2	0.7
Grayson	12	9	3	6.9	5.5	30.0	16	16		9.2	9.8	0.0	7	4.0
Smyth	57	53	4	13.4	12.6	66.7	32	32		7.5	7.6	0.0	9	2.1
Washington	43	39	4	7.7	7.1	44.4	32	32		5.7	5.8	0.0	9	1.6
Wythe	47	38	9	14.6	12.5	52.9	28	24	4	8.7	7.9	23.5	3	0.9
Bristol	35	26	9	15.8	12.9	47.4	12	10	2	5.4	5.0	10.5	2	0.9
Galax	12	8	4	15.4	11.1	66.7	4	4		5.1	5.6	0.0		0.0
District 4	140	117	23	9.1	8.0	31.9	82	74	8	5.3	5.0	11.1	14	0.9
Floyd	8	6	2	5.6	4.4	40.0	2	2		1.4	1.5	0.0	1	0.7
Giles	23	20	3	12.0	10.7	75.0	14	14		7.3	7.5	0.0	1	0.5
Montgomery	36	34	2	5.5	5.4	7.4	28	27	1	4.3	4.3	3.7	6	0.9
Pulaski	61	48	13	13.9	11.6	50.0	31	25	6	7.1	6.1	23.1	4	0.9
Radford	12	9	3	10.8	8.9	30.0	7	6	1	6.3	5.9	10.0	2	1.8
District 5	602	329	273	18.7	12.0	58.0	214	161	53	6.6	5.8	11.3	23	0.7
Alleghany	23	21	2	11.8	10.9	66.7	11	10	1	5.6	5.2	33.3	2	1.0
Botetourt	20	19	1	7.8	7.6	14.3	15	14	1	5.8	5.6	14.3	3	1.2
Craig	4	4		8.0	8.0		6	6		12.0	12.0			0.0
Roanoke	67	57	10	8.1	7.1	37.0	33	32	1	4.0	4.0	3.7	7	0.8
Clifton Forge	6	5	1	11.3	10.4	20.0	6	6		11.3	12.5	0.0	1	1.9
Covington	28	20	8	22.2	18.7	42.1	9	7	2	7.1	6.5	10.5	1	0.8
Roanoke City	424	179	245	29.7	17.4	61.6	121	74	47	8.5	7.2	11.8	8	0.6
Salem	30	24	6	10.6	8.8	50.0	13	12	1	4.6	4.4	8.3	1	0.4
District 6	348	291	57	12.6	11.1	41.0	196	188	8	7.1	7.1	5.8	40	1.4
Augusta	80	71	9	11.0	10.2	34.6	44	44		6.1	6.3	0.0	11	1.5
Bath	9	7	2	12.7	10.4	50.0	5	4	1	7.0	6.0	25.0		0.0
Highland	1	1		2.8	2.9	0.0	3	3		8.3	8.6	0.0		0.0
Rockbridge	27	25	2	11.3	10.6	40.0	19	18	1	7.9	7.7	20.0	1	0.4
Rockingham	89	85	4	10.1	9.8	22.2	60	60		6.8	6.9	0.0	16	1.8
Buena Vista	11	10	1	15.3	14.5	33.3	4	4		5.6	5.8	0.0	1	1.4
Harrisonburg	38	29	9	19.2	15.8	64.3	16	14	2	8.1	7.6	14.3		0.0
Lexington	8	5	3	15.7	11.4	42.9	3	3		5.9	6.8	0.0		0.0
Staunton	47	30	17	17.2	12.6	48.6	27	24	3	9.9	10.1	8.6	7	2.6
Waynesboro	38	28	10	17.0	14.1	38.5	15	14	1	6.7	7.1	3.8	4	1.8
District 7	280	234	46	14.8	12.9	53.5	136	128	8	7.2	7.1	9.3	27	1.4
Clarke	26	15	11	19.7	12.6	84.6	9	6	3	6.8	5.0	23.1	2	1.5
Frederick	64	62	2	12.0	11.8	28.6	30	30		5.6	5.7	0.0	11	2.1
Page	48	45	3	16.3	15.7	37.5	21	21		7.1	7.3	0.0	5	1.7
Shenandoah	46	44	2	12.5	12.2	40.0	20	19	1	5.4	5.2	20.0	4	1.1
Warren	44	34	10	15.1	12.4	58.8	29	27	2	9.9	9.8	11.8	1	0.3
Winchester	52	34	18	18.8	14.1	50.0	27	25	2	9.7	10.4	5.6	4	1.4
District 8	1,942	1,023	919	11.9	7.5	33.1	994	701	293	6.1	5.2	10.6	111	0.7
Arlington	264	119	145	13.6	8.0	32.2	114	70	44	5.9	4.7	9.8	9	0.5
Fairfax	750	444	306	9.0	6.3	24.6	482	363	119	5.8	5.1	9.6	67	0.8
Loudoun	125	74	51	14.0	9.3	49.0	57	45	12	6.4	5.7	11.5	4	0.4
Prince William	299	207	92	10.4	8.1	28.4	172	139	33	6.0	5.4	10.2	13	0.5
Alexandria	410	105	305	28.6	12.2	53.2	121	45	76	8.4	5.2	13.3	8	0.6
Fairfax City	28	21	7	9.6	7.9	25.9	20	16	4	6.8	6.0	14.8	2	0.7
Falls Church	6	6		5.6	6.1	0.0	5	4	1	4.7	4.1	11.1	1	0.9
Manassas	41	32	9	11.4	9.8	27.3	18	14	4	5.0	4.3	12.1	6	1.7
Manassas Park	19	15	4	15.8	13.8	36.4	5	5		4.2	4.6	0.0	1	0.8
District 9	226	86	140	16.6	8.0	49.8	96	63	33	7.1	5.8	11.7	5	0.4
Culpeper	63	21	42	19.0	8.6	48.3	23	12	11	6.9	4.9	12.6	1	0.3
Fauquier	62	32	30	11.9	7.2	39.0	39	32	7	7.5	7.2	9.1	3	0.6
Madison	21	6	15	15.2	5.4	57.7	5	3	2	3.6	2.7	7.7	1	0.7
Orange	68	22	46	22.6	9.9	58.2	26	14	12	8.6	6.3	15.2		0.0
Rappahannock	12	5	7	17.9	9.1	58.3	3	2	1	4.5	3.6	8.3		0.0
District 10	442	169	273	21.9	11.2	54.5	137	80	57	6.8	5.3	11.4	18	0.9
Albemarle	110	63	47	14.8	10.2	37.9	41	25	16	5.5	4.0	12.9	6	0.8
Fluvanna	35	6	29	21.9	5.7	52.7	7	2	5	4.4	1.9	9.1	1	0.6
Greene	19	13	6	13.4	9.9	54.5	7	7		4.9	5.3	0.0		0.0
Louisa	55	15	40	22.1	9.4	44.9	18	11	7	7.2	6.9	7.9	3	1.2
Nelson	44	18	26	23.5	13.0	53.1	14	11	3	7.5	8.0	6.1	2	1.1
Charlottesville	179	54	125	33.6	15.0	72.3	50	24	26	9.4	6.7	15.0	6	1.1
District 11	484	143	341	18.9	7.5	51.6	188	95	93	7.3	5.0	14.1	26	1.0
Amherst	58	20	38	15.4	6.9	43.2	24	17	7	6.4	5.9	8.0	6	1.6
Appomattox	19	5	14	13.3	4.6	41.2	11	4	7	7.7	3.7	20.6	1	0.7
Bedford	61	28	33	12.8	6.9	46.5	33	23	10	6.9	5.7	14.1	5	1.0
Campbell	100	34	66	15.3	6.6	47.1	42	23	19	6.4	4.5	13.6	6	0.9
Bedford City	17	5	12	25.0	10.4	60.0	7	4	3	10.3	8.3	15.0	1	1.5
Lynchburg	229	51	178	27.3	9.6	57.8	71	24	47	8.5	4.5	15.3	7	0.8

(continued)

TABLE 8 - ILLEGITIMATE LIVE BIRTHS, IMMATURE BIRTHS, AND CONGENITAL ANOMALIES WITH PERCENT OF TOTAL BIRTHS BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Illegitimate Live Births						Immature Births						Congenital Anomalies	
	Number			Percent			Number			Percent				
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	Percent
STATE OF VIRGINIA	14,995	4,950	10,045	19.1	8.5	49.3	5,916	3,404	2,512	7.5	5.9	12.3	663	0.8
District 12	615	178	437	20.5	8.7	45.6	225	130	95	7.5	6.4	9.9	37	1.2
Franklin	48	22	26	11.4	6.3	37.1	24	18	6	5.7	5.1	8.6	6	1.4
Henry	150	70	80	20.2	13.0	39.2	66	47	19	8.9	8.7	9.3	8	1.1
Patrick	14	11	3	7.4	6.4	18.8	14	12	2	7.4	6.9	12.5	3	1.6
Pittsylvania	184	39	145	21.6	7.4	45.3	61	29	32	7.2	5.5	10.0	11	1.3
Danville	162	30	132	26.1	8.7	48.2	47	20	27	7.6	5.8	9.9	8	1.3
Martinsville	57	6	51	31.0	5.5	68.0	13	4	9	7.1	3.7	12.0	1	0.5
District 13	261	30	231	23.6	5.8	39.6	92	22	70	8.3	4.2	12.0	16	1.4
Brunswick	63	6	57	27.6	7.1	39.9	23	5	18	10.1	5.9	12.6	2	0.9
Halifax	78	13	65	18.7	5.9	32.7	25	8	17	6.0	3.7	8.5	6	1.4
Mecklenburg	100	7	93	26.2	3.9	46.3	39	9	30	10.2	5.0	14.9	5	1.3
South Boston	20	4	16	25.6	10.8	39.0	5		5	6.4	0.0	12.2	3	3.8
District 14	306	39	267	26.8	6.6	48.4	98	39	59	8.6	6.6	10.7	14	1.2
Amelia	22	6	16	19.5	7.8	44.4	7	4	3	6.2	5.2	8.3	1	0.9
Buckingham	56	7	49	32.7	7.9	59.8	12	4	8	7.0	4.5	9.8	1	0.6
Charlotte	48	4	44	26.5	4.8	45.4	22	11	11	12.2	13.1	11.3	3	1.7
Cumberland	32	2	30	33.7	4.7	57.7	8	3	5	8.4	7.0	9.6		0.0
Lunenburg	[illegible]	3	38	28.1	4.8	45.2	18	3	15	12.3	4.8	17.9	4	2.7
Nottoway	[illegible]	6	41	22.6	5.0	47.1	15	7	8	7.2	5.8	9.2	1	0.5
Prince Edward	[illegible]	11	49	26.5	9.8	43.0	16	7	9	7.1	6.3	7.9	4	1.8
District 15	[illegible]	381	1,765	23.4	6.5	53.9	725	318	407	7.9	5.4	12.4	61	0.7
Charles City Co.	[illegible]	4	48	42.6	14.3	51.1	8	1	7	6.6	3.6	7.4	2	1.6
Chesterfield	[illegible]	93	72	7.6	4.8	31.0	124	97	27	5.7	5.0	11.6	14	0.6
Goochland	26	4	22	17.6	4.7	34.9	6	4	2	4.1	4.7	3.2	1	0.7
Hanover	77	13	64	11.8	2.5	50.4	32	16	16	4.9	3.1	12.6	4	0.6
Henrico	277	121	156	11.7	6.6	28.9	168	107	61	7.1	5.9	11.3	19	0.3
New Kent	17	2	15	14.0	2.2	48.4	8	2	6	6.6	2.2	19.4		0.0
Powhatan	22	8	14	14.7	6.3	63.6	8	5	3	5.3	3.9	13.6	1	0.7
Richmond City	1,510	136	1,374	44.0	10.8	63.4	371	86	285	10.8	6.8	13.1	20	0.6
District 16	273	116	157	15.3	8.0	47.1	122	77	45	6.8	5.3	13.5	10	0.6
Caroline	63	12	51	22.3	6.9	47.2	29	14	15	10.2	8.0	13.9	5	1.8
King George	36	12	24	21.2	10.2	46.2	13	5	8	7.6	4.2	15.4		0.0
Spotsylvania	61	34	27	11.0	7.1	35.5	30	21	9	5.4	4.4	11.8	2	0.4
Stafford	71	46	25	12.2	8.7	47.2	36	25	11	6.2	4.7	20.8	2	0.3
Fredericksburg	42	12	30	21.2	7.8	68.2	14	12	2	7.1	7.8	4.5	1	0.5
District 17	158	16	142	30.5	5.8	58.4	42	11	31	8.1	4.0	12.8	8	1.5
Lancaster	38	6	32	33.3	9.7	61.5	12	3	9	10.5	4.8	17.3	4	3.5
Northumberland	35	4	31	30.2	6.3	58.5	12	4	8	10.3	6.3	15.1	1	0.9
Richmond	16	1	15	17.4	1.5	62.5	4	2	2	4.3	2.9	8.3	2	2.2
Westmoreland	69	5	64	35.2	6.1	56.1	14	2	12	7.1	2.4	10.5	1	0.5
District 18	166	40	126	20.9	7.1	55.0	71	38	33	6.9	6.7	14.4	7	0.9
Essex	30	4	26	27.0	6.8	50.0	9	3	6	8.1	5.1	11.5		0.0
Gloucester	50	21	29	17.2	8.6	61.7	18	14	4	6.2	5.8	8.5	3	1.0
King and Queen	25	7	18	30.1	14.0	54.5	10	5	5	12.0	10.0	15.2	1	1.2
King William	34	4	30	25.2	4.5	65.2	17	6	11	12.6	6.7	23.9	2	1.5
Mathews	16	4	12	18.6	6.6	48.0	8	5	3	9.3	8.2	12.0		0.0
Middlesex	11		11	12.4	0.0	42.3	9	5	4	10.1	7.9	15.4	1	1.1
District 19	749	108	641	30.2	8.4	53.8	245	96	149	9.9	7.5	12.5	18	0.7
Dinwiddie	70	8	62	26.4	5.3	54.4	28	13	15	10.6	8.6	13.2	2	0.8
Greensville	62	2	60	35.4	3.2	53.1	13	3	10	7.4	4.8	8.8		0.0
Prince George	58	14	44	13.7	5.1	29.9	48	21	27	11.3	7.6	18.4	1	0.2
Surry	31	3	28	35.6	9.7	50.0	7	1	6	3.0	3.2	10.7	2	2.3
Sussex	55	3	52	35.3	5.8	50.0	17	5	12	10.9	9.6	11.5	2	1.3
Colonial Heights	17	11	6	9.4	6.5	50.0	15	14	1	8.3	8.3	8.3	2	1.1
Emporia	27	3	24	37.5	10.0	57.1	5		5	6.9	0.0	11.9		0.0
Hopewell	96	38	58	22.9	12.1	55.2	33	23	10	7.9	7.3	9.5	4	1.0
Petersburg	333	26	307	47.6	12.9	61.5	79	16	63	11.3	8.0	12.6	5	0.7
District 20	3,760	842	2,918	25.5	9.1	53.0	1,308	565	743	8.9	6.1	13.5	85	0.6
Isle of Wight	96	12	84	30.0	6.5	61.8	30	11	19	9.4	6.0	14.0	4	1.3
Southampton	67	4	63	27.7	3.3	52.1	26	12	14	10.7	9.9	11.6	2	0.8
Chesapeake	445	108	337	22.4	8.5	47.1	175	66	109	8.8	5.2	15.2	9	0.5
Franklin City	52	3	49	38.2	5.4	61.3	14	2	12	10.3	3.6	15.0		0.0
Norfolk	1,542	305	1,237	30.7	11.0	54.8	526	194	332	10.5	7.0	14.7	22	0.4
Portsmouth	721	101	620	38.2	11.8	60.1	200	63	137	10.6	7.4	13.3	11	0.6
Suffolk	291	22	269	39.2	7.0	63.0	65	14	51	8.8	4.4	11.9	12	1.6
Virginia Beach	546	287	259	12.4	7.8	35.1	272	203	69	6.2	5.5	9.4	25	0.6
District 21	1,233	277	956	22.3	7.9	47.4	475	207	268	8.6	5.9	13.3	55	1.0
James City Co.	55	9	46	21.7	5.3	56.1	28	10	18	11.1	5.8	22.0	2	0.8
York	43	11	32	16.3	5.4	52.5	21	12	9	8.0	5.9	14.8	3	1.1
Hampton	409	113	296	19.9	8.6	39.7	164	64	100	8.0	4.9	13.4	19	0.9
Newport News	665	126	539	24.6	7.7	50.7	246	112	134	9.1	6.8	12.6	29	1.1
Poquoson	4	4		3.5	3.6	0.0	6	5	1	5.3	4.5	33.3		0.0
Williamsburg	57	14	43	39.9	17.3	69.4	10	4	6	7.0	4.9	9.7	2	1.4
District 22	307	31	276	45.2	10.6	71.5	58	13	45	8.5	4.4	11.7	10	1.5
Accomack	180	20	160	40.8	9.8	67.8	37	8	29	8.4	3.9	12.3	6	1.4
Northampton	127	11	116	53.4	12.5	77.3	21	5	16	8.8	5.7	10.7	4	1.7
Unknown	1	1												

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 1	Total	1,546	7	339	594	369	165	55	17		
	White	1,522	7	335	582	363	164	54	17		
	Nonwhite	24		4	12	6	1	1			
Lee	Total	369	2	87	133	88	40	15	4		
	White	369	2	87	133	88	40	15	4		
	Nonwhite										
Scott	Total	290		48	127	68	34	10	3		
	White	286		48	125	66	34	10	3		
	Nonwhite	4			2	2					
Wise	Total	818	5	187	303	199	87	28	9		
	White	801	5	184	294	195	86	28	9		
	Nonwhite	17		3	9	4	1				
Norton	Total	69		17	31	14	4	2	1		
	White	66		16	30	14	4	1	1		
	Nonwhite	3		1	1			1			
District 2	Total	2,057	6	465	782	528	186	72	16	1	1
	White	2,033	5	461	774	523	183	69	16	1	1
	Nonwhite	24	1	4	8	5	3	3			
Buchanan	Total	616	1	153	240	142	49	23	6	1	1
	White	614	1	153	240	141	48	23	6	1	1
	Nonwhite	2				1	1				
Dickenson	Total	302	2	80	106	71	29	11	3		
	White	302	2	80	106	71	29	11	3		
	Nonwhite										
Russell	Total	426	1	90	177	113	36	8	1		
	White	423	1	89	175	113	36	8	1		
	Nonwhite	3		1	2						
Tazewell	Total	713	2	142	259	202	72	30	6		
	White	694	1	139	253	198	70	27	6		
	Nonwhite	19	1	3	6	4	2	3			
District 3	Total	2,131	8	426	733	583	287	79	14	1	
	White	2,063	8	405	716	568	275	77	13	1	
	Nonwhite	68		21	17	15	12	2	1		
Bland	Total	84		12	19	32	17	2	2		
	White	84		12	19	32	17	2	2		
	Nonwhite										
Carroll	Total	269	2	63	90	77	27	10			
	White	268	2	63	89	77	27	10			
	Nonwhite	1			1						
Grayson	Total	173		38	68	36	20	11			
	White	163		35	66	32	19	11			
	Nonwhite	10		3	2	4	1				
Smyth	Total	425	1	89	157	106	50	16	5	1	
	White	419	1	86	157	105	50	15	4	1	
	Nonwhite	6		3		1		1	1		
Washington	Total	560	1	99	188	157	89	23	3		
	White	551	1	97	187	156	84	23	3		
	Nonwhite	9		2	1	1	5				
Wythe	Total	321	3	64	113	83	44	10	4		
	White	304	3	57	109	80	41	10	4		
	Nonwhite	17		7	4	3	3				
Bristol	Total	221		48	75	61	33	4			
	White	202		42	69	57	31	3			
	Nonwhite	19		6	6	4	2	1			
Galax	Total	78	1	13	23	31	7	3			
	White	72	1	13	20	29	6	3			
	Nonwhite	6			3	2	1				
District 4	Total	1,539	5	226	551	464	234	52	7		
	White	1,467	5	212	526	443	224	50	7		
	Nonwhite	72		14	25	21	10	2			
Floyd	Total	142		18	52	34	27	8	3		
	White	137		17	50	33	26	8	3		
	Nonwhite	5		1	2	1	1				
Giles	Total	191	1	35	65	52	30	7	1		
	White	187	1	33	63	52	30	7	1		
	Nonwhite	4		2	2						
Montgomery	Total	656	3	72	230	224	102	23	2		
	White	629	3	71	224	211	97	21	2		
	Nonwhite	27		1	6	13	5	2			
Pulaski	Total	439		84	171	114	61	8	1		
	White	413		75	159	111	59	8	1		
	Nonwhite	26		9	12	3	2				
Radford	Total	111	1	17	33	40	14	6			
	White	101	1	16	30	36	12	6			
	Nonwhite	10		1	3	4	2				

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 5	Total	3,224	9	473	1,047	1,056	523	99	17		
	White	2,753	6	363	856	945	479	89	15		
	Nonwhite	471	3	110	191	111	44	10	2		
Alleghany	Total	195		36	60	61	30	8			
	White	192		36	59	59	30	8			
	Nonwhite	3			1	2					
Botetourt	Total	258		26	88	91	45	6	2		
	White	251		26	84	88	45	6	2		
	Nonwhite	7			4	3					
Craig	Total	50		17	15	12	1	4	1		
	White	50		17	15	12	1	4	1		
	Nonwhite										
Roanoke	Total	831		83	195	330	183	33	7		
	White	804		77	187	322	181	31	6		
	Nonwhite	27		6	8	8	2	2	1		
Clifton Forge	Total	53		9	20	15	8		1		
	White	48		9	17	14	7		1		
	Nonwhite	5			3	1	1				
Covington	Total	126	1	25	47	39	12	2			
	White	107	1	23	41	29	11	2			
	Nonwhite	19		2	6	10	1				
Roanoke City	Total	1,427	7	248	516	411	201	38	6		
	White	1,029	5	148	352	327	162	30	5		
	Nonwhite	398	2	100	164	84	39	8	1		
Salem	Total	284	1	29	106	97	43	8			
	White	272		27	101	94	42	8			
	Nonwhite	12	1	2	5	3	1				
District 6	Total	2,771	9	417	906	883	428	111	16	1	
	White	2,632	6	393	849	846	417	106	14	1	
	Nonwhite	139	3	24	57	37	11	5	2		
Augusta	Total	724	1	111	260	206	104	37	2		
	White	698	1	108	246	200	102	36	5		
	Nonwhite	26		3	14	6	2	1			
Bath	Total	71		13	24	19	12	2	1		
	White	67		12	24	16	12	2	1		
	Nonwhite	4		1		3					
Highland	Total	36		3	11	11	11				
	White	35		3	10	11	11				
	Nonwhite	1			1						
Rockbridge	Total	240		43	73	80	37	5	1	1	
	White	235		43	70	78	37	5	1	1	
	Nonwhite	5			3	2					
Rockingham	Total	882	3	124	289	303	128	32	3		
	White	864	3	122	281	298	125	32	3		
	Nonwhite	18		2	8	5	3				
Buena Vista	Total	72		14	27	17	9	4	1		
	White	69		14	26	16	8	4	1		
	Nonwhite	3			1	1	1				
Harrisonburg	Total	198	1	20	54	71	41	10	1		
	White	184	1	16	50	66	40	10	1		
	Nonwhite	14		4	4	5	1				
Lexington	Total	51	2	5	8	22	12	1	1		
	White	44	1	5	5	20	12	1			
	Nonwhite	7	1		3	2			1		
Staunton	Total	273	1	47	78	85	47	12	3		
	White	238		36	68	80	43	9	2		
	Nonwhite	35	1	11	10	5	4	3	1		
Waynesboro	Total	224	1	37	82	69	27	8			
	White	198		34	69	61	27	7			
	Nonwhite	26	1	3	13	8		1			
District 7	Total	1,894	3	368	650	526	283	56	7	1	
	White	1,808	2	348	614	510	271	55	7	1	
	Nonwhite	86	1	20	36	16	12	1			
Clarke	Total	132		21	44	37	26	3		1	
	White	119		18	36	35	26	3		1	
	Nonwhite	13		3	8	2					
Frederick	Total	532		95	183	155	80	16	3		
	White	525		94	178	154	80	16	3		
	Nonwhite	7		1	5	1					
Page	Total	294	1	81	81	81	41	7	2		
	White	286	1	78	78	80	40	7	2		
	Nonwhite	8		3	3	1	1				
Shenandoah	Total	367	1	61	145	100	49	10	1		
	White	362	1	59	144	99	48	10	1		
	Nonwhite	5		2	1	1	1				

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 7 (cont.)											
Warren	Total	292		61	98	82	36	14	1		
	White	275		57	91	79	34	13	1		
	Nonwhite	17		4	7	3	2	1			
Winchester	Total	277	1	49	99	71	51	6			
	White	241		42	87	63	43	6			
	Nonwhite	36	1	7	12	8	8				
District 8	Total	16,364	18	1,417	3,991	5,528	4,152	1,146	105	3	4
	White	13,591	4	1,023	3,191	4,634	3,634	1,010	90	2	3
	Nonwhite	2,773	14	394	800	894	518	136	15	1	1
Arlington	Total	1,941	3	154	451	638	510	167	17		1
	White	1,491	2	89	313	509	426	135	16		1
	Nonwhite	450	1	65	138	129	84	32	1		
Fairfax	Total	8,329	6	562	1,794	2,840	2,401	662	60	2	2
	White	7,087	2	441	1,475	2,396	2,124	596	51	1	1
	Nonwhite	1,242	4	121	319	444	277	66	9	1	1
Loudoun	Total	896	1	107	237	293	207	47	4		
	White	792		81	208	262	193	44	4		
	Nonwhite	104	1	26	29	31	14	3			
Prince William	Total	2,883	3	320	860	1,003	547	137	12	1	
	White	2,559		269	752	902	496	128	11	1	
	Nonwhite	324	3	51	108	101	51	9	1		
Alexandria	Total	1,435	4	172	387	465	317	82	8		
	White	862		54	208	298	240	58	4		
	Nonwhite	573	4	118	179	167	77	24	4		
Fairfax City	Total	293	1	37	83	86	66	19	1		
	White	266		33	74	78	61	19	1		
	Nonwhite	27	1	4	9	8	5				
Falls Church	Total	107		2	28	34	31	10	1		1
	White	98		1	27	31	28	9	1		1
	Nonwhite	9		1	1	3	3	1			
Manassas	Total	360		47	105	133	55	18	2		
	White	327		42	92	124	50	17	2		
	Nonwhite	33		5	13	9	5	1			
Manassas Park	Total	120		16	46	36	18	4			
	White	109		13	42	34	16	4			
	Nonwhite	11		3	4	2	2				
District 9	Total	1,361	4	215	454	412	214	57	4	1	
	White	1,080	2	138	342	357	190	48	3		
	Nonwhite	281	2	77	112	55	24	9	1	1	
Culpeper	Total	332	3	53	107	102	47	19		1	
	White	245	2	30	72	85	40	16			
	Nonwhite	87	1	23	35	17	7	3		1	
Fauquier	Total	523		82	188	140	95	16	2		
	White	446		63	150	129	88	15	1		
	Nonwhite	77		19	38	11	7	1	1		
Madison	Total	138		21	37	51	22	6	1		
	White	112		12	29	47	19	4	1		
	Nonwhite	26		9	8	4	3	2			
Orange	Total	301	1	48	99	101	38	13	1		
	White	222		25	73	80	33	10	1		
	Nonwhite	79	1	23	26	21	5	3			
Rappahannock	Total	67		11	23	18	12	3			
	White	55		8	18	16	10	3			
	Nonwhite	12		3	5	2	2				
District 10	Total	2,014	11	318	599	651	347	76	12		
	White	1,513	6	191	415	530	295	64	12		
	Nonwhite	501	5	127	184	121	52	12			
Albemarle	Total	744	6	82	211	254	154	35	2		
	White	620	5	64	161	223	132	33	2		
	Nonwhite	124	1	18	50	31	22	2			
Fluvanna	Total	160		27	57	52	20	2	2		
	White	105		12	33	40	17	1	2		
	Nonwhite	55		15	24	12	3	1			
Greene	Total	142		19	52	42	22	4	3		
	White	131		16	49	39	21	3	3		
	Nonwhite	11		3	3	3	1	1			
Louisa	Total	249	1	50	85	63	36	12	2		
	White	160		28	55	41	24	10	2		
	Nonwhite	89	1	22	30	22	12	2			
Nelson	Total	187	2	43	56	56	23	4	3		
	White	138		27	39	47	19	3	3		
	Nonwhite	49	2	16	17	9	4	1			
Charlottesville	Total	532	2	97	138	184	92	19			
	White	359	1	44	78	140	82	14			
	Nonwhite	173	1	53	60	44	10	5			

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 11	Total	2,560	4	377	909	770	388	101	10		1
	White	1,899	2	201	648	639	322	79	7		1
	Nonwhite	661	2	176	261	131	66	22	3		
Amherst	Total	377		49	147	111	50	18	2		
	White	289		30	115	94	37	12	1		
	Nonwhite	88		19	32	17	13	6	1		
Appomattox	Total	143		22	67	35	10	8	1		
	White	109		12	52	28	10	6	1		
	Nonwhite	34		10	15	7		2			
Bedford	Total	477	1	69	141	166	82	16	2		
	White	406	1	49	114	151	74	15	2		
	Nonwhite	71		20	27	15	8	1			
Campbell	Total	655	2	93	228	200	103	24	5		
	White	515	1	58	178	166	86	23	3		
	Nonwhite	140	1	35	50	34	17	1	2		
Bedford City	Total	68		17	29	15	6	1			
	White	48		8	21	13	5	1			
	Nonwhite	20		9	8	2	1				
Lynchburg	Total	840	1	127	297	243	137	34			1
	White	532		44	168	187	110	22			1
	Nonwhite	308	1	83	129	56	27	12			
District 12	Total	3,005	7	578	1,018	882	399	108	12	1	
	White	2,046	2	308	705	654	294	75	7	1	
	Nonwhite	959	5	270	313	228	105	33	5		
Franklin	Total	420		70	122	137	73	17	1		
	White	350		52	107	112	63	15	1		
	Nonwhite	70		18	15	25	10	2			
Henry	Total	742		150	260	212	95	25			
	White	538		88	203	164	66	17			
	Nonwhite	204		62	57	48	29	8			
Patrick	Total	189		35	69	57	21	6	1		
	White	173		29	64	52	21	6	1		
	Nonwhite	16		6	5	5					
Pittsylvania	Total	850	4	170	301	238	101	30	6		
	White	530	1	74	186	173	71	21	4		
	Nonwhite	320	3	96	115	65	30	9	2		
Danville	Total	620	1	114	202	186	91	24	2		
	White	346		50	108	117	59	12			
	Nonwhite	274	1	64	94	69	32	12	2		
Martinsville	Total	184	2	39	64	52	18	6	2	1	
	White	109	1	15	37	36	14	4	1	1	
	Nonwhite	75	1	24	27	16	4	2	1		
District 13	Total	1,105	3	212	403	311	134	31	11		
	White	521		69	188	172	71	17	4		
	Nonwhite	584	3	143	215	139	63	14	7		
Brunswick	Total	228	2	43	74	79	28	2			
	White	85		7	27	34	15	2			
	Nonwhite	143	2	36	47	45	13				
Halifax	Total	418	1	85	161	98	55	16	2		
	White	219		40	81	60	30	7	1		
	Nonwhite	199	1	45	80	38	25	9	1		
Mecklenburg	Total	381		77	131	110	45	10	8		
	White	180		19	62	64	25	7	3		
	Nonwhite	201		58	69	46	20	3	5		
South Boston	Total	78		7	37	24	6	3	1		
	White	37		3	18	14	1	1			
	Nonwhite	41		4	19	10	5	2	1		
District 14	Total	1,140	6	230	367	301	163	58	15		
	White	588	2	88	185	176	99	28	10		
	Nonwhite	552	4	142	182	125	64	30	5		
Amelia	Total	113		21	36	35	17	4			
	White	77		13	26	24	11	3			
	Nonwhite	36		8	10	11	6	1			
Buckingnam	Total	171		40	57	41	26	7			
	White	89		17	30	22	17	3			
	Nonwhite	82		23	27	19	9	4			
Charlotte	Total	181	1	45	48	52	23	8	4		
	White	84	1	16	20	28	12	4	3		
	Nonwhite	97		29	28	24	11	4	1		
Cumberland	Total	95		22	28	19	17	9			
	White	43		6	15	9	9	4			
	Nonwhite	52		16	13	10	8	5			
Lunenburg	Total	146	2	31	50	38	16	7	2		
	White	62		8	17	22	11	3	1		
	Nonwhite	84	2	23	33	16	5	4	1		

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 14 (cont.)											
Nottoway	Total	208	2	30	73	65	23	11	4		
	White	121	1	16	35	47	13	6	3		
	Nonwhite	87	1	14	38	18	10	5	1		
Prince Edward	Total	226	1	41	75	51	41	12	5		
	White	112		12	42	24	26	5	3		
	Nonwhite	114	1	29	33	27	15	7	2		
District 15	Total	9,168	27	1,238	2,692	3,030	1,729	397	53	1	1
	White	5,891	7	507	1,546	2,191	1,312	293	34	1	
	Nonwhite	3,277	20	731	1,146	839	417	104	19		1
Charles City Co.	Total	122	2	29	35	38	14	3	1		
	White	28	1	3	6	14	3	1			
	Nonwhite	94	1	26	29	24	11	2	1		
Chesterfield	Total	2,175	3	203	513	831	513	103	9		
	White	1,943	1	171	446	747	475	95	8		
	Nonwhite	232	2	32	67	84	38	8	1		
Goochland	Total	148		18	43	48	29	9	1		
	White	85		7	20	33	19	5	1		
	Nonwhite	63		11	23	15	10	4			
Hanover	Total	651	1	61	188	222	135	37	7		
	White	524		33	141	192	119	34	5		
	Nonwhite	127	1	28	47	30	16	3	2		
Henrico	Total	2,369	3	215	692	841	488	116	14		
	White	1,829	3	149	525	668	387	88	9		
	Nonwhite	540		66	167	173	101	28	5		
New Kent	Total	121		10	36	42	23	9		1	
	White	90		5	24	36	17	7		1	
	Nonwhite	31		5	12	6	6	2			
Powhatan	Total	150		18	43	49	29	9	2		
	White	128		12	36	44	27	7	2		
	Nonwhite	22		6	7	5	2	2			
Richmond City	Total	3,432	18	684	1,142	959	498	111	19		1
	White	1,264	2	127	348	457	265	56	9		
	Nonwhite	2,168	16	557	794	502	233	55	10		1
District 16	Total	1,789	6	281	597	552	280	61	12		
	White	1,456	2	206	475	470	239	56	8		
	Nonwhite	333	4	75	122	82	41	5	4		
Caroline	Total	283	2	59	95	84	30	11	2		
	White	175		35	59	48	22	9	2		
	Nonwhite	108	2	24	36	36	8	2			
King George	Total	170		28	62	48	26	6			
	White	118		20	37	33	22	6			
	Nonwhite	52		8	25	15	4				
Spotsylvania	Total	554	1	78	187	170	98	16	4		
	White	478	1	62	165	155	80	14	1		
	Nonwhite	76		16	22	15	18	2	3		
Stafford	Total	584	1	81	190	187	97	25	3		
	White	531	1	68	167	177	91	25	2		
	Nonwhite	53		13	23	10	6		1		
Fredericksburg	Total	198	2	35	63	63	29	3	3		
	White	154		21	47	57	24	2	3		
	Nonwhite	44	2	14	16	6	5	1			
District 17	Total	518	4	100	185	137	71	14	7		
	White	275		35	84	92	50	11	3		
	Nonwhite	243	4	65	101	45	21	3	4		
Lancaster	Total	114	1	25	34	38	13	2	1		
	White	62		10	15	25	9	2	1		
	Nonwhite	52	1	15	19	13	4				
Northumberland	Total	116		22	42	25	21	4	2		
	White	63		7	18	19	16	3			
	Nonwhite	53		15	24	6	5	1	2		
Richmond	Total	92	1	9	32	31	11	6	2		
	White	68		6	21	25	9	5	2		
	Nonwhite	24	1	3	11	6	2	1			
Westmoreland	Total	196	2	44	77	43	26	2	2		
	White	82		12	30	23	16	1			
	Nonwhite	114	2	32	47	20	10	1	2		
District 18	Total	794	4	125	271	258	111	22	3		
	White	565		68	178	206	93	18	2		
	Nonwhite	229	4	57	93	52	18	4	1		
Essex	Total	111	1	21	41	30	15	2	1		
	White	59		9	20	19	8	2	1		
	Nonwhite	52	1	12	21	11	7				
Gloucester	Total	290		46	91	100	43	9	1		
	White	243		35	72	87	41	7	1		
	Nonwhite	47		11	19	13	2	2			

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 18 (cont.)											
King and Queen	Total	83		11	33	27	9	3			
	White	50		5	16	21	6	2			
	Nonwhite	33		6	17	6	3	1			
King William	Total	135		20	44	42	24	5			
	White	89		6	23	35	21	4			
	Nonwhite	46		14	21	7	3	1			
Mathews	Total	86		17	28	29	9	2	1		
	White	61		7	21	24	7	2			
	Nonwhite	25		10	7	5	2		1		
Middlesex	Total	89	3	10	34	30	11	1			
	White	63		6	26	20	10	1			
	Nonwhite	26	3	4	8	10	1				
District 19	Total	2,479	16	474	890	690	303	91	12	3	
	White	1,287	3	172	463	407	187	47	7	1	
	Nonwhite	1,192	13	302	427	283	116	44	5	2	
Dinwiddie	Total	265	1	52	96	64	41	11			
	White	151		25	52	43	25	6			
	Nonwhite	114	1	27	44	21	16	5			
Greensville	Total	175	1	52	59	36	18	8	1		
	White	62		10	23	18	10	1			
	Nonwhite	113	1	42	36	18	8	7	1		
Prince George	Total	423	1	57	146	146	56	17			
	White	276		29	88	101	45	13			
	Nonwhite	147	1	28	58	45	11	4			
Surry	Total	87	1	17	23	28	10	8			
	White	31		3	7	12	7	2			
	Nonwhite	56	1	14	16	16	3	6			
Sussex	Total	156		23	55	45	20	11	1	1	
	White	52		6	15	16	10	5			
	Nonwhite	104		17	40	29	10	6	1	1	
Colonial Heights	Total	181	1	13	64	60	36	6	1		
	White	169	1	12	60	56	36	3	1		
	Nonwhite	12		1	4	4		3			
Emporia	Total	72	1	28	18	15	6	4			
	White	30		9	8	9	2	2			
	Nonwhite	42	1	19	10	6	4	2			
Hopewell	Total	420	2	67	178	119	36	15	1	2	
	White	315	1	45	137	93	25	12	1	1	
	Nonwhite	105	1	22	41	26	11	3		1	
Petersburg	Total	700	8	165	251	177	80	11	8		
	White	201	1	33	73	59	27	3	5		
	Nonwhite	499	7	132	178	118	53	8	3		
District 20	Total	14,750	55	2,530	5,305	4,296	2,010	487	64	2	1
	White	9,247	8	1,148	3,303	3,011	1,440	315	22		
	Nonwhite	5,503	47	1,382	2,002	1,285	570	172	42	2	1
Isle of Wight	Total	320	2	59	109	98	37	13	2		
	White	184		21	57	70	29	7			
	Nonwhite	136	2	38	52	28	8	6	2		
Southampton	Total	242	2	37	80	81	31	9	2		
	White	121		8	33	51	22	7			
	Nonwhite	121	2	29	47	30	9	2	2		
Chesapeake	Total	1,988	6	321	674	597	310	71	9		
	White	1,273	1	166	420	419	213	51	3		
	Nonwhite	715	5	155	254	178	97	20	6		
Franklin City	Total	136	1	34	44	32	15	8	1		1
	White	56		4	16	19	12	5			
	Nonwhite	80	1	30	28	13	3	3	1		1
Norfolk	Total	5,021	22	990	2,018	1,310	529	135	17		
	White	2,765	4	434	1,171	764	321	68	3		
	Nonwhite	2,256	18	556	847	546	208	67	14		
Portsmouth	Total	1,885	11	409	712	500	189	56	7	1	
	White	854	2	121	317	284	101	28	1		
	Nonwhite	1,031	9	288	395	216	88	28	6	1	
Suffolk	Total	742	4	189	247	194	94	10	4		
	White	315		43	88	117	58	8	1		
	Nonwhite	427	4	146	159	77	36	2	3		
Virginia Beach	Total	4,416	7	491	1,421	1,484	805	185	22	1	
	White	3,679	1	351	1,201	1,287	684	141	14		
	Nonwhite	737	6	140	220	197	121	44	8	1	
District 21	Total	5,534	11	890	2,088	1,586	765	173	20		1
	White	3,516		439	1,306	1,096	557	108	10		
	Nonwhite	2,018	11	451	782	490	208	65	10		1
James City Co.	Total	253		42	85	65	52	8	1		
	White	171		17	57	52	40	5			
	Nonwhite	82		25	28	13	12	3	1		

(continued)

TABLE 9 - RESIDENT BIRTHS BY RACE BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Race	Total	Age of Mother								
			Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	Unk.
STATE OF VIRGINIA	Total	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
	White	58,047	77	7,171	18,034	18,928	10,841	2,673	309	9	5
	Nonwhite	20,376	154	4,718	7,232	5,051	2,401	683	127	6	4
District 21 (cont.)											
York	Total	264		36	71	79	59	18	1		
	White	203		21	51	66	51	14			
	Nonwhite	61		15	20	13	8	4	1		
Hampton	Total	2,056	4	287	789	595	301	73	7		
	White	1,310		154	519	398	200	35	4		
	Nonwhite	746	4	133	270	197	101	38	3		
Newport News	Total	2,704	7	478	1,054	781	310	63	10		1
	White	1,640		224	615	522	229	44	6		
	Nonwhite	1,064	7	254	439	259	81	19	4		1
Poquoson	Total	114		9	36	33	28	8			
	White	111		9	36	31	27	8			
	Nonwhite	3				2	1				
Williamsburg	Total	143		38	53	33	15	3	1		
	White	81		14	28	27	10	2			
	Nonwhite	62		24	25	6	5	1	1		
District 22	Total	679	8	189	234	166	70	10	2		
	White	293		60	88	95	45	4	1		
	Nonwhite	386	8	129	146	71	25	6	1		
Accomack	Total	441	3	110	153	110	55	8	2		
	White	205		39	59	64	39	3	1		
	Nonwhite	236	3	71	94	46	16	5	1		
Northampton	Total	238	5	79	81	56	15	2			
	White	88		21	29	31	6	1			
	Nonwhite	150	5	58	52	25	9	1			
Unknown	Total	1		1							
	White	1		1							
	Nonwhite										

TABLE 10
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY BIRTHWEIGHT
VIRGINIA, 1980

Birthweight	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unk.
TOTAL	78,423	36,233	25,776	10,729	3,591	1,177	475	200	106	55	61	20
Immature	5,916	2,843	1,787	781	299	111	51	23	9	5	5	2
500 grams or less	130	61	45	15	5	3	1					
501-1500 grams	923	448	280	120	46	11	9	3	2	1	2	1
1501-2500 grams	4,863	2,334	1,462	646	248	97	41	20	7	4	3	1
Full Term	72,421	33,357	23,967	9,932	3,288	1,064	423	176	97	50	56	11
2501-3500 grams	42,131	20,433	13,463	5,417	1,812	590	205	97	57	27	23	7
3501-4500 grams	28,857	12,442	9,994	4,246	1,384	430	206	67	33	20	31	4
4501 grams and over	1,433	482	510	269	92	44	12	12	7	3	2	
Unknown	86	33	22	16	4	2	1	1				7

TABLE 11
RESIDENT LIVE BIRTHS BY BIRTHWEIGHT BY RACE AND AGE OF MOTHER
VIRGINIA, 1980

Age of Mother (in years)	Total	Birthweight (in grams)													
		500 or Less	501-1,000	1,001-1,500	1,501-2,000	2,001-2,500	Total Immature	2,501-3,000	3,001-3,500	3,501-4,000	4,001-4,500	4,501-5,000	Over 5,000	Total Full	Unknown
TOTAL	78,423	130	409	514	1,133	3,730	5,916	13,482	28,649	22,146	6,711	1,242	191	72,421	86
Under 15	231	1		4	8	22	35	56	92	45	1	1	1	196	
15-19	11,889	38	94	115	251	802	1,300	2,613	4,471	2,767	624	80	21	10,576	13
20-24	25,266	33	140	164	376	1,234	1,947	4,777	9,428	6,757	1,958	317	47	23,284	35
25-29	23,979	36	93	131	288	972	1,520	3,617	8,834	7,254	2,246	423	67	22,441	18
30-34	13,242	15	57	78	141	505	796	1,847	4,565	4,196	1,459	325	38	12,430	16
35-39	3,356	6	20	17	66	166	275	508	1,101	994	377	86	12	3,078	3
40-44	436	1	5	5	3	23	37	61	150	130	42	10	5	398	1
45 and over	15					5	5		7	1	2			10	
Unknown	9					1	1	3	1	2	2			8	
WHITE	58,047	67	227	294	639	2,177	3,404	8,495	20,901	18,068	5,865	1,108	153	54,590	53
Under 15	77			1		6	7	16	32	20	1	1		70	
15-19	7,171	19	42	48	99	355	563	1,285	2,726	2,002	507	65	16	6,601	7
20-24	18,034	13	69	97	197	678	1,054	2,887	6,646	5,407	1,693	283	42	16,958	22
25-29	18,928	24	59	77	197	660	1,017	2,507	6,876	6,086	2,001	382	50	17,902	9
30-34	10,841	9	41	55	94	357	556	1,389	3,660	3,597	1,299	292	35	10,272	13
35-39	2,673	2	12	15	49	105	183	371	856	848	328	78	7	2,488	2
40-44	309		4	1	3	13	21	39	100	107	32	7	3	288	
45 and over	9					2	2		5		2			7	
Unknown	5					1	1	1		1	2			4	
NONWHITE	20,376	63	182	220	494	1,553	2,512	4,987	7,748	4,078	846	134	38	17,831	33
Under 15	154	1		3	8	16	28	40	60	25			1	126	
15-19	4,718	19	52	67	152	447	737	1,328	1,745	765	117	15	5	3,975	6
20-24	7,232	20	71	67	179	556	893	1,890	2,782	1,350	265	34	5	6,326	13
25-29	5,051	12	34	54	91	312	503	1,110	1,958	1,168	245	41	17	4,539	9
30-34	2,401	6	16	23	47	148	240	458	905	599	160	33	3	2,158	3
35-39	683	4	8	2	17	61	92	137	245	146	49	8	5	590	1
40-44	127	1	1	4		10	16	22	50	23	10	3	2	110	1
45 and over	6					3	3		2	1				3	
Unknown	4							2	1	1				4	

TABLE 12 - RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER, BY AGE AND RACE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	78,423	36,233	25,776	10,729	3,591	1,177	475	200	106	55	61	20
Under 15 years	231	231										
15-19 years	11,889	9,446	2,129	279	29	4						2
20-24 years	25,266	13,325	8,532	2,630	610	130	26	5				8
25-29 years	23,979	9,377	9,165	3,853	1,153	289	96	29	8	3	5	1
30-34 years	13,242	3,301	4,963	3,031	1,206	437	164	71	40	13	10	6
35-39 years	3,356	510	915	856	500	259	146	78	40	28	23	1
40-44 years	436	38	69	78	90	55	41	16	17	11	21	
45 years & over	15	1	2	1	2	3	2	1	1		2	
Unknown	9	4	1	1	1							2
WHITE - Total	58,047	27,519	19,397	7,570	2,339	728	272	106	49	21	29	17
Under 15 years	77	77										
15-19 years	7,171	5,961	1,104	98	5	1						2
20-24 years	18,034	10,179	6,009	1,525	259	45	9	1				7
25-29 years	18,928	7,981	7,278	2,748	698	157	46	11	4	1	3	1
30-34 years	10,841	2,858	4,202	2,422	915	290	88	33	16	5	6	6
35-39 years	2,673	433	755	715	394	188	96	51	20	9	12	
40-44 years	309	27	49	60	65	45	31	10	9	6	7	
45 years & over	9	1		1	2	2	2				1	
Unknown	5	2		1	1							1
NONWHITE - Total	20,376	8,714	6,379	3,159	1,252	449	203	94	57	34	32	3
Under 15 years	154	154										
15-19 years	4,718	3,485	1,025	181	24	3						
20-24 years	7,232	3,146	2,523	1,105	351	85	17	4				1
25-29 years	5,051	1,396	1,887	1,105	455	132	50	18	4	2	2	
30-34 years	2,401	443	761	609	291	147	76	38	24	8	4	
35-39 years	683	77	160	141	106	71	50	27	20	19	11	1
40-44 years	127	11	20	18	25	10	10	6	8	5	14	
45 years & over	6		2			1		1	1		1	
Unknown	4	2	1									1

TABLE 13 - PERCENT DISTRIBUTION OF RESIDENT LIVE BIRTHS BY LIVE BIRTH ORDER BY AGE AND RACE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total Births	LIVE BIRTH ORDER										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	78,423	46.2	32.9	13.7	4.6	1.5	0.6	0.3	0.1	0.1	0.1	*
Under 15 years	231	100.0										
15-19 years	11,889	79.5	17.9	2.3	0.2	*						*
20-24 years	25,266	52.7	33.8	10.4	2.4	0.5	0.1	*				*
25-29 years	23,979	39.1	38.2	16.1	4.8	1.2	0.4	0.1	*	*	*	*
30-34 years	13,242	24.9	37.5	22.9	9.1	3.3	1.2	0.5	0.3	0.1	0.1	*
35-39 years	3,356	15.2	27.3	25.5	14.9	7.7	4.4	2.3	1.2	0.8	0.7	*
40-44 years	436	8.7	15.8	17.9	20.6	12.6	9.4	3.7	3.9	2.5	4.8	
45 years & over	15	6.7	13.3	6.7	13.3	20.0	13.3	6.7	6.7		13.3	
Unknown	9											
WHITE - Total	58,047	47.4	33.4	13.0	4.0	1.3	0.5	0.2	0.1	*	*	*
Under 15 years	77	100.0										
15-19 years	7,171	83.1	15.4	1.4	0.1	*						*
20-24 years	18,034	56.4	33.3	8.5	1.4	0.2	*	*				*
25-29 years	18,928	42.2	38.5	14.5	3.7	0.8	0.2	0.1	*	*	*	*
30-34 years	10,841	26.4	38.8	22.3	8.4	2.7	0.8	0.3	0.1	*	0.1	0.1
35-39 years	2,673	16.2	28.2	26.7	14.7	7.0	3.6	1.9	0.7	0.3	0.4	
40-44 years	309	8.7	15.9	19.4	21.0	14.6	10.0	3.2	2.9	1.9	2.3	
45 years & over	9	11.1		11.1	22.2	22.2	22.2				11.1	
Unknown	5											
NONWHITE - Total	20,376	42.8	31.3	15.5	6.1	2.2	1.0	0.5	0.3	0.2	0.2	*
Under 15 years	154	100.0										
15-19 years	4,718	73.9	21.7	3.8	0.5	0.1						
20-24 years	7,232	43.5	34.9	15.3	4.9	1.2	0.2	0.1				*
25-29 years	5,051	27.6	37.4	21.9	9.0	2.6	1.0	0.4	0.1	*	*	
30-34 years	2,401	18.5	31.7	25.4	12.1	6.1	3.2	1.6	1.0	0.3	0.2	
35-39 years	683	11.3	23.4	20.6	15.5	10.4	7.3	4.0	2.9	2.8	1.6	0.1
40-44 years	127	8.7	15.7	14.2	19.7	7.9	7.9	4.7	6.3	3.9	11.0	
45 years & over	6		33.3			16.7		16.7	16.7		16.7	
Unknown	4											

*Less than 0.05

TABLE 14
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY BIRTH ORDER
VIRGINIA, 1980

Birth Order	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	78,423	629	3,198	15,725	31,301	13,280	14,072	218
1	36,233	172	1,195	7,047	14,401	6,234	7,070	114
2	25,776	155	806	4,619	10,743	4,509	4,885	59
3	10,729	112	586	2,400	4,309	1,763	1,544	15
4	3,591	81	304	990	1,260	525	425	6
5	1,177	39	152	347	378	155	105	1
6	475	32	64	167	127	51	29	5
7	200	13	40	72	44	22	8	1
8	106	12	25	39	16	11	3	
9	55	5	13	21	8	6	1	1
10+	61	8	13	22	12	4	2	
Unknown	20			1	3			16

TABLE 15
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1980

Trimester Care Began	Total	Highest Grade Completed						
		Elementary		High School		College		Unknown
		0-6	7-8	9-11	12	1-3	4+	
TOTAL	78,423	629	3,198	15,725	31,301	13,280	14,072	218
First	63,106	388	2,079	10,566	25,647	11,576	12,740	110
Second	11,791	161	868	4,005	4,505	1,307	903	42
Third	2,193	44	157	800	787	218	174	13
None	621	19	73	245	205	56	16	7
Unknown	712	17	21	109	157	123	239	46

TABLE 16
RESIDENT LIVE BIRTHS BY BIRTH ORDER BY TRIMESTER CARE BEGAN
VIRGINIA, 1980

Trimester Care Began	Total	Birth Order										
		1	2	3	4	5	6	7	8	9	10+	Unknown
TOTAL	78,423	36,233	25,776	10,729	3,591	1,177	475	200	106	55	61	20
First	63,106	29,157	21,312	8,566	2,669	843	317	104	64	33	37	4
Second	11,791	5,504	3,447	1,654	702	248	109	66	28	17	15	1
Third	2,193	977	634	329	131	54	30	18	8	4	8	
None	621	252	177	87	54	24	10	11	3		1	2
Unknown	712	343	206	93	35	8	9	1	3	1		13

TABLE 17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER BY TRIMESTER CARE BEGAN
VIRGINIA, 1980

Trimester Care Began	Total	Age of Mother												
		Under 15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	78,423	231	652	1,453	2,242	3,240	4,302	25,266	23,979	13,242	3,356	436	15	9
First	63,106	95	328	777	1,362	2,016	2,915	19,923	20,910	11,631	2,816	318	10	5
Second	11,791	100	238	529	674	954	1,071	4,246	2,337	1,164	388	84	5	1
Third	2,193	26	54	100	143	189	218	740	420	218	66	19		
None	621	9	27	35	48	66	64	195	100	47	26	4		
Unknown	712	1	5	12	15	15	34	162	212	182	60	11		3

TABLE 18
RESIDENT BIRTHS WITH APGAR SCORE BY AGE OF MOTHER
VIRGINIA, 1980

Apgar Score	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
TOTAL	78,423	231	11,889	25,266	23,979	13,242	3,356	436	15	9
(1 minute)										
00	65		14	18	18	13	2			
01	565	1	115	192	136	92	24	5		
02	603	3	113	187	171	94	28	6	1	
03	695	7	144	215	185	98	44	2		
04	1,003	3	214	315	258	148	61	4		
05	1,608	5	339	537	371	272	70	13	1	
06	2,847	11	527	914	814	427	128	26		
07	7,506	27	1,355	2,607	2,134	1,075	264	43	1	
08	26,022	82	3,876	8,455	7,900	4,432	1,137	135	4	1
09	32,930	81	4,737	10,694	10,589	5,415	1,248	156	6	4
10	1,334	4	220	493	384	174	44	14	1	
99	3,245	7	235	639	1,019	1,002	306	32	1	4
(5 minutes)										
00	126		34	36	37	16	2	1		
01	218		54	70	51	31	11	1		
02	143	1	22	54	41	13	8	4		
03	137	1	34	43	36	19	4			
04	198	1	49	63	44	35	5	1		
05	353		63	116	94	60	16	4		
06	625	1	109	213	168	89	40	5		
07	1,530	9	302	499	418	232	60	9	1	
08	6,387	29	1,124	2,110	1,764	1,018	293	47	1	1
09	46,250	115	6.737	14,880	14,210	8,009	2,050	237	7	5
10	20,860	65	3,087	6,669	6,650	3,479	788	116	5	1
99	1,596	9	274	513	466	241	79	11	1	2

TABLE 19
RESIDENT BIRTHS WITH APGAR SCORE BY RACE AND SEX
VIRGINIA, 1980

Apgar Score	Total	Race/Sex			
		White Male	White Female	Nonwhite Male	Nonwhite Female
TOTAL	78,423	29,842	28,205	10,244	10,132
(1 minute)					
00	65	25	19	14	7
01	565	186	135	120	124
02	603	225	156	114	108
03	695	240	185	125	145
04	1,003	365	277	192	169
05	1,608	567	468	295	278
06	2,847	1,059	940	435	413
07	7,506	2,733	2,600	1,092	1,081
08	26,022	9,692	9,420	3,480	3,430
09	32,930	12,821	12,301	3,897	3,911
10	1,334	589	552	114	79
99	3,245	1,340	1,152	366	387
(5 minutes)					
00	126	45	40	26	15
01	218	69	43	49	57
02	143	62	33	28	20
03	137	51	32	37	17
04	198	57	53	43	45
05	353	103	87	81	82
06	625	220	175	119	111
07	1,530	525	413	314	278
08	6,387	2,302	1,976	1,029	1,080
09	46,250	17,120	16,367	6,385	6,378
10	20,860	8,714	8,450	1,898	1,798
99	1,596	574	536	235	251

TABLE 20 - COMPLICATIONS OF PREGNANCY REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1980

Complications of Pregnancy	Trimester Care Began					
	Total	1st	2nd	3rd	None	Unknown
Unduplicated Count of Births with Complications	21,216	16,821	3,250	643	181	321
Complications Related to Pregnancy						
Hemorrhage in early pregnancy	124	101	17	4		2
Placenta previa	222	186	25	1	5	5
Premature separation of placenta	328	245	64	10	4	5
Other and unspecified antepartum hemorrhage	124	92	18	1	1	12
Pre-eclampsia and eclampsia	1,581	1,222	266	58	22	13
Other and unspecified hypertension	840	647	150	27	3	13
Excessive vomiting	46	37	9			
Early or threatened labor	1,197	891	211	31	52	12
Prolonged pregnancy	174	127	38	9		
Edema or excessive weight gain	140	100	36	4		
Infections of genitourinary tract	389	258	69	14	3	45
Other and unspecified complications of pregnancy	22	14	4		2	2
Conditions in the Mother Complicating the Pregnancy						
Venereal disease	36	18	12	6		
Other infective and parasitic diseases	96	78	17	1		
Diabetes mellitus	393	313	55	5	2	18
Anemia	172	93	39	10	1	29
Phlebitis, thrombosis and other venous complications	68	54	9	5		
Obesity	109	75	30	4		
Injury during pregnancy	37	31	5	1		
Operation during pregnancy	76	62	9	2	2	1
Other conditions in mother affecting pregnancy	372	265	73	17	5	12
Complications Affecting Delivery						
Multiple pregnancy	367	316	39	6	2	4
Malposition or malpresentation of fetus	2,071	1,658	294	54	25	40
Fetopelvic disproportion	2,753	2,282	384	55	7	25
Uterine scar from previous surgery	3,513	2,911	460	92	10	40
Cervical incompetence	132	117	12			3
Other or unspecified abnormality of organs and soft tissues of pelvis	52	42	5	2		3
Rh incompatibility	314	194	69	23		28
Fetal distress	2,148	1,590	393	100	15	50
Other fetal and placental problems	153	112	25	9	4	3
Polyhydramnios	57	39	10	7		1
Premature rupture of membranes	1,091	872	151	36	13	19
Other problems associated with amniotic cavity and membranes	70	47	17	3	2	1
Obstructed labor	401	328	59	9	1	4
Abnormality of forces of labor	293	213	58	14	6	2
Prolonged labor	1,127	870	197	47	5	8
Umbilical cord complications	1,741	1,271	324	57	15	74
Perineal laceration	782	633	111	20	11	7
Other obstetrical trauma	80	65	13		1	1
Postpartum hemorrhage	149	122	18	5	3	1
Retained placenta or membranes	143	108	21	4	1	9
Other and unspecified complications of labor and delivery	119	96	16	6		1
Type of Delivery (if specified on certificate)						
Forceps or ventouse delivery	321	259	38	3	2	19
Breech extraction	17	11	4			2
Cesarean delivery	7,314	6,008	991	165	35	115

TABLE 21 - CONGENITAL ANOMALIES REPORTED FOR RESIDENT LIVE BIRTHS BY TRIMESTER CARE BEGAN, VIRGINIA, 1980

Congenital Anomalies	Trimester Care Began					
	Total	1st	2nd	3rd	None	Unknown
Unduplicated Count of Infants with Anomalies	663	500	128	15	11	9
All Congenital Anomalies						
Anencephalus	13	11	1	1		
Spina bifida	45	39	3	2	1	
Other anomalies of nervous system	18	15	2	1		
Anomalies of eye	6	2	3			1
Anomalies of ear, face, and neck	17	13	4			
Bulbus cordis anomalies and anomalies of cardiac septal closure	7	6	1			
Other anomalies of heart	35	24	10			1
Other anomalies of circulatory system	7	5	2			
Anomalies of respiratory system	9	8	1			
Cleft palate and cleft lip	79	60	14	3	2	
Other anomalies of upper alimentary tract	8	6	2			
Other anomalies of digestive system	15	10	4			1
Undescended testicle	10	8	2			
Hypospadias and epispadias	60	45	12	1	1	1
Other anomalies of genitourinary systems	33	25	7			1
Congenital dislocation of hip	15	13	1			1
Deformities of feet	80	50	21	1	7	1
Polydactyly	97	75	19	2		1
Syndactyly	26	22	3	1		
Other anomalies of limbs	34	28	5			1
Other anomalies of musculoskeletal system	23	17	6			
Anomalies of the integument	21	17	3	1		
Down's syndrome	33	25	6	1	1	
Other chromosomal anomalies	10	6	4			
Other and unspecified anomalies	31	25	5	1		

TABLE 22 - RESIDENT LIVE BIRTHS AND NATURAL FETAL DEATHS BY RACE AND SEX BY MONTH OF DELIVERY AND NUMBER OF INDIVIDUALS DELIVERED PER CONFINEMENT, VIRGINIA, 1980

Month	Live Births					Natural Fetal Deaths						
	Total	White		Nonwhite		Total	White			Nonwhite		
		Male	Female	Male	Female		Male	Female	Unk.	Male	Female	Unk.
TOTAL	78,423	29,842	28,205	10,244	10,132	6,448	345	261	4,014	228	174	1,426
January	6,308	2,387	2,226	861	834	612	30	22	381	19	16	144
February	6,051	2,336	2,161	754	800	518	28	17	324	21	15	113
March	6,465	2,482	2,321	875	787	548	34	20	331	24	13	126
April	6,233	2,394	2,297	782	760	526	24	18	326	20	22	116
May	6,353	2,422	2,358	791	782	524	25	19	333	18	12	117
June	6,242	2,395	2,222	820	805	550	30	28	325	16	15	136
July	6,901	2,599	2,447	933	922	562	34	31	340	11	9	137
August	7,044	2,652	2,486	934	972	575	35	20	364	23	18	115
September	7,105	2,710	2,551	916	928	517	29	19	320	20	21	108
October	6,784	2,623	2,437	857	867	522	19	27	328	20	11	117
November	6,194	2,342	2,271	758	823	490	26	23	303	19	13	106
December	6,743	2,500	2,428	963	852	504	31	17	339	17	9	91
Single births	76,922	29,343	27,692	10,019	9,868	6,331	307	234	3,992	207	168	1,423
Born as twins	1,495	496	513	225	261	115	38	27	20	21	6	3
Born as triplets	6	3			3	2			2			

TABLE 23 - RESIDENT LIVE BIRTHS BY SEX AND SEX RATIO BY RACE VIRGINIA, 1971-1980

Year	Total			White			Nonwhite		
	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females	Male	Female	Males per 1,000 Females
1971	42,501	40,212	1,057	32,854	30,738	1,069	9,647	9,474	1,018
1972	38,718	36,350	1,065	29,788	27,652	1,077	8,930	8,698	1,027
1973	36,705	34,960	1,050	28,221	26,656	1,059	8,484	8,304	1,022
1974	36,478	34,588	1,055	28,008	26,240	1,067	8,470	8,348	1,015
1975	35,975	34,057	1,056	27,382	25,825	1,060	8,593	8,232	1,044
1976	35,875	34,097	1,052	27,259	25,753	1,058	8,616	8,344	1,033
1977	38,259	35,987	1,063	28,784	26,878	1,071	9,475	9,109	1,040
1978	37,714	35,635	1,058	28,284	26,637	1,062	9,430	8,998	1,048
1979	39,476	37,423	1,055	29,213	27,523	1,061	10,263	9,900	1,037
1980	40,086	38,337	1,046	29,842	28,205	1,058	10,244	10,132	1,011

TABLE 24 - RESIDENT PREGNANCY TERMINATIONS (LIVE BIRTHS, INDUCED ABORTIONS AND NATURAL FETAL DEATHS) BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	114,933	41,099	35.8	83,693	22,715	27.1	31,240	18,384	58.8
Under 15	638	606	95.0	249	217	87.1	389	389	100.0
15-19 years	22,062	15,301	69.4	14,714	8,804	59.8	7,348	6,497	88.4
15 years	1,369	1,197	87.4	732	571	78.0	637	626	98.3
16 years	2,930	2,385	81.4	1,820	1,315	72.3	1,110	1,070	96.4
17 years	4,340	3,276	75.5	2,880	1,911	66.4	1,460	1,365	93.5
18 years	6,227	4,249	68.2	4,349	2,602	59.8	1,878	1,647	87.7
19 years	7,196	4,194	58.3	4,933	2,405	48.8	2,263	1,789	79.1
20-24 years	37,613	15,051	40.0	26,668	8,260	31.0	10,945	6,791	62.0
25-29 years	31,363	6,388	20.4	23,893	3,321	13.9	7,470	3,067	41.1
30-34 years	17,209	2,573	15.0	13,628	1,428	10.5	3,581	1,145	32.0
35-39 years	5,013	896	17.9	3,835	529	13.8	1,178	367	31.2
40-44 years	905	216	23.9	617	114	18.5	288	102	35.4
45 years & over	61	18	29.5	41	7	17.1	20	11	55.0
Unknown	69	50		48	35		21	15	

TABLE 25 - RESIDENT LIVE BIRTHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	78,423	14,995	19.1	58,047	4,950	8.5	20,376	10,045	49.3
Under 15 years	231	203	87.9	77	49	63.6	154	154	100.0
15-19 years	11,889	5,935	49.9	7,171	1,959	27.3	4,718	3,976	84.3
15 years	652	492	75.5	285	133	46.7	367	359	97.8
16 years	1,453	963	66.3	772	316	40.9	681	647	95.0
17 years	2,242	1,275	56.9	1,289	411	31.9	953	864	90.7
18 years	3,240	1,516	46.8	2,042	515	25.2	1,198	1,001	83.6
19 years	4,302	1,689	39.3	2,783	584	21.0	1,519	1,105	72.7
20-24 years	25,266	5,649	22.4	18,034	1,881	10.4	7,232	3,768	52.1
25-29 years	23,979	2,121	8.8	18,928	658	3.5	5,051	1,463	29.0
30-34 years	13,242	787	5.9	10,841	285	2.6	2,401	502	20.9
35-39 years	3,356	243	7.2	2,673	95	3.6	683	148	21.7
40-44 years	436	52	11.9	309	21	6.8	127	31	24.4
45 years and over	15	1	6.7	9	1	11.1	6		0.0
Unknown	9	4		5	1		4	3	

TABLE 26 - RESIDENT INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	30,062	24,349	81.0	21,026	16,982	80.8	9,036	7,367	81.5
Under 15 years	375	373	99.5	164	162	98.8	211	211	100.0
15-19 years	9,358	8,885	94.9	7,027	6,625	94.3	2,331	2,260	97.0
15 years	665	660	99.2	425	421	99.1	240	239	99.6
16 years	1,376	1,352	98.3	986	967	98.1	390	385	98.7
17 years	1,962	1,913	97.5	1,504	1,458	96.9	458	455	99.3
18 years	2,758	2,598	94.2	2,153	2,013	93.5	605	585	96.7
19 years	2,597	2,362	91.0	1,959	1,766	90.1	638	596	93.4
20-24 years	10,456	8,778	84.0	7,334	6,116	83.4	3,122	2,662	85.3
25-29 years	5,555	3,925	70.7	3,584	2,498	69.7	1,971	1,427	72.4
30-34 years	2,731	1,614	59.1	1,844	1,064	57.7	887	550	62.0
35-39 years	1,182	587	49.7	804	400	49.8	378	187	49.5
40-44 years	336	141	42.0	219	85	38.8	117	56	47.9
45 years and over	34	15	44.1	23	6	26.1	11	9	81.8
Unknown	35	31		27	26		8	5	

TABLE 27 - RESIDENT NATURAL FETAL DEATHS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY AGE OF MOTHER, VIRGINIA, 1980

Age of Mother	Total			White			Nonwhite		
	Number		Percent Illeg.	Number		Percent Illeg.	Number		Percent Illeg.
	Total	Illeg.		Total	Illeg.		Total	Illeg.	
TOTAL	6,448	1,755	27.2	4,620	783	16.9	1,828	972	53.2
Under 15 years	32	30	93.8	8	6	75.0	24	24	100.0
15-19 years	815	481	59.0	516	220	42.6	299	261	87.3
15 years	52	45	86.5	22	17	77.3	30	28	93.3
16 years	101	70	69.3	62	32	51.6	39	38	97.4
17 years	136	88	64.7	87	42	48.3	49	46	93.9
18 years	229	135	59.0	154	74	48.1	75	61	81.3
19 years	297	143	48.1	191	55	28.8	106	88	83.0
20-24 years	1,891	624	33.0	1,300	263	20.2	591	361	61.1
25-29 years	1,829	342	18.7	1,381	165	11.9	448	177	39.5
30-34 years	1,236	172	13.9	943	79	8.4	293	93	31.7
35-39 years	475	66	13.9	358	34	9.5	117	32	27.4
40-44 years	133	23	17.3	89	8	9.0	44	15	34.1
45 years and over	12	2	16.7	9		0.0	3	2	66.7
Unknown	25	15		16	8		9	7	

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Teenage Total Pregnancy Terminations			Teenage Live Births			Teenage Induced Abortions			Teenage Natural Fetal Deaths		
	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19
STATE OF VIRGINIA	22,700	638	22,062	12,120	231	11,889	9,733	375	9 358	847	32	815
District 1	369	9	360	346	7	339	16	1	15	7	1	6
Lee	91	2	89	89	2	87	1		1	1		1
Scott	49		49	48		48	1		1			
Wise	209	7	202	192	5	187	12	1	11	5	1	4
Norton	20		20	17		17	2		2	1		1
District 2	546	7	539	471	6	465	42	1	41	33		33
Buchanan	176	1	175	154	1	153	8		8	14		14
Dickenson	93	2	91	82	2	80	6		6	5		5
Russell	100	2	98	91	1	90	4	1	3	5		5
Tazewell	177	2	175	144	2	142	24		24	9		9
District 3	584	16	568	434	8	426	123	7	116	27	1	26
Bland	17		17	12		12	4		4	1		1
Carroll	90	3	87	65	2	63	23	1	22	2		2
Grayson	47		47	38		38	5		5	4		4
Smyth	121	2	119	90	1	89	27	1	26	4		4
Washington	125	3	122	100	1	99	20	2	18	5		5
Wythe	106	6	100	67	3	64	30	2	28	9	1	8
Bristol	57	1	56	48		48	9	1	8			
Galax	21	1	20	14	1	13	5		5	2		2
District 4	516	13	503	231	5	226	267	8	259	18		18
Floyd	27		27	18		18	7		7	2		2
Giles	59	3	56	36	1	35	18	2	16	5		5
Montgomery	203	6	197	75	3	72	122	3	119	6		6
Pulaski	144	2	142	84		84	55	2	53	5		5
Radford	83	2	81	18	1	17	65	1	64			
District 5	964	27	937	482	9	473	439	17	422	43	1	42
Alleghany	48		48	36		36	11		11	1		1
Botetourt	60		60	26		26	31		31	3		3
Craig	23		23	17		17	6		6			
Roanoke	201	2	199	83		83	110	2	108	8		8
Clifton Forge	12		12	9		9	3		3			
Covington	35	1	34	26	1	25	9		9			
Roanoke City	499	19	480	255	7	248	221	11	210	23	1	22
Salem	86	5	81	30	1	29	48	4	44	8		8
District 6	702	17	685	426	9	417	256	8	248	20		20
Augusta	218	4	214	112	1	111	102	3	99	4		4
Bath	20	1	19	13		13	7	1	6			
Highland	7		7	3		3	4		4			
Rockbridge	64	2	62	43		43	20	2	18	1		1
Rockingham	197	4	193	127	3	124	65	1	64	5		5
Buena Vista	18		18	14		14	4		4			
Harrisonburg	42	1	41	21	1	20	21		21			
Lexington	10	2	8	7	2	5	3		3			
Staunton	76	2	74	48	1	47	22	1	21	6		6
Waynesboro	50	1	49	38	1	37	8		8	4		4
District 7	467	7	460	371	3	368	74	4	70	22		22
Clarke	28		28	21		21	6		6	1		1
Frederick	120	3	117	95		95	20	3	17	5		5
Page	102	1	101	82	1	81	15		15	5		5
Shenandoah	78	1	77	62	1	61	10		10	6		6
Warren	84		84	61		61	18		18	5		5
Winchester	55	2	53	50	1	49	5	1	4			
District 8	3,626	53	3,573	1,435	18	1,417	2,043	29	2,014	148	6	142
Arlington	345	5	340	157	3	154	173	1	172	15	1	14
Fairfax	1,834	18	1,816	568	6	562	1,207	12	1,195	59		59
Loudoun	221	4	217	108	1	107	109	2	107	4	1	3
Prince William	658	15	643	323	3	320	300	9	291	35	3	32
Alexandria	375	8	367	176	4	172	172	3	169	27	1	26
Fairfax City	61	1	60	38	1	37	23		23			
Falls Church	26		26	2		2	23		23	1		1
Manassas	84	2	82	47		47	34	2	32	3		3
Manassas Park	22		22	16		16	2		2	4		4
District 9	372	11	361	219	4	215	142	7	135	11		11
Culpeper	103	8	95	56	3	53	44	5	39	3		3
Fauquier	142	1	141	82		82	53	1	52	7		7
Madison	31	1	30	21		21	10	1	9			
Orange	81	1	80	49	1	48	31		31	1		1
Rappahannock	15		15	11		11	4		4			
District 10	598	24	574	329	11	318	258	13	245	11		11
Albemarle	202	10	192	88	6	82	112	4	108	2		2
Fluvanna	40	1	39	27		27	13	1	12			
Greene	35	1	34	19		19	15	1	14	1		1
Louisa	76	2	74	51	1	50	21	1	20	4		4
Nelson	64	3	61	45	2	43	17	1	16	2		2
Charlottesville	181	7	174	99	2	97	80	5	75	2		2
District 11	681	15	666	381	4	377	268	10	258	32	1	31
Amherst	107	1	106	49		49	50		50	8	1	7
Appomattox	28	1	27	22		22	5	1	4	1		1
Bedford	113	1	112	70	1	69	36		36	7		7
Campbell	160	4	156	95	2	93	60	2	58	5		5
Bedford City	26		26	17		17	7		7	2		2
Lynchburg	247	8	239	128	1	127	110	7	103	9		9

(continued)

TABLE 28 - TEENAGE TOTAL PREGNANCY TERMINATIONS, LIVE BIRTHS, INDUCED ABORTIONS, AND NATURAL FETAL DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Teenage Total Pregnancy Terminations			Teenage Live Births			Teenage Induced Abortions			Teenage Natural Fetal Deaths		
	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19	Total	Under 15	15-19
STATE OF VIRGINIA	22,700	638	22,062	12,120	231	11,889	9.733	375	9.358	847	32	815
District 12	864	15	849	585	7	578	245	8	237	34		34
Franklin	125	3	122	70		70	47	3	44	8		8
Henry	244	1	243	150		150	84	1	83	10		10
Patrick	43		43	35		35	8		8			
Pittsylvania	244	8	236	174	4	170	59	4	55	11		11
Danville	144	1	143	115	1	114	25		25	4		4
Martinsville	64	2	62	41	2	39	22		22	1		1
District 13	322	11	311	215	3	212	99	8	91	8		8
Brunswick	72	4	68	45	2	43	24	2	22	3		3
Halifax	136	6	130	86	1	85	47	5	42	3		3
Mecklenburg	102		102	77		77	23		23	2		2
South Boston	12	1	11	7		7	5	1	4			
District 14	372	14	358	236	6	230	125	6	119	11	2	9
Amelia	30		30	21		21	8		8	1		1
Buckingham	51	1	50	40		40	11	1	10			
Charlotte	63	1	62	46	1	45	15		15	2		2
Cumberland	30	1	29	22		22	6		6	2	1	1
Lunenburg	57	5	52	33	2	31	21	3	18	3		3
Nottoway	49	2	47	32	2	30	16		16	1		1
Prince Edward	92	4	88	42	1	41	48	2	46	2	1	1
District 15	3,079	110	2,969	1,265	27	1,238	1,717	72	1,645	97	11	86
Charles City Co.	46	2	44	31	2	29	12		12	3		3
Chesterfield	546	17	529	206	3	203	322	12	310	18	2	16
Goochland	41		41	18		18	22		22	1		1
Hanover	191	3	188	62	1	61	123	2	121	6		6
Henrico	738	17	721	218	3	215	504	13	491	16	1	15
New Kent	13		13	10		10	3		3			
Powhatan	42	3	39	18		18	23	3	20	1		1
Richmond City	1,462	68	1,394	702	18	684	708	42	666	52	8	44
District 16	515	16	499	287	6	281	211	9	202	17	1	16
Caroline	98	4	94	61	2	59	32	1	31	5	1	4
King George	42		42	28		28	13		13	1		1
Spotsylvania	137	4	133	79	1	78	55	3	52	3		3
Stafford	162	3	159	82	1	81	72	2	70	8		8
Fredericksburg	76	5	71	37	2	35	39	3	36			
District 17	183	8	175	104	4	100	73	4	69	6		6
Lancaster	48	1	47	26	1	25	21		21	1		1
Northumberland	32		32	22		22	9		9	1		1
Richmond	23	2	21	10	1	9	12	1	11	1		1
Westmoreland	80	5	75	46	2	44	31	3	28	3		3
District 18	243	10	233	129	4	125	108	6	102	6		6
Essex	44	4	40	22	1	21	19	3	16	3		3
Gloucester	81	3	78	46		46	35	3	32			
King and Queen	18		18	11		11	6		6	1		1
King William	44		44	20		20	23		23	1		1
Mathews	29		29	17		17	12		12			
Middlesex	27	3	24	13	3	10	13		13	1		1
District 19	945	43	902	490	16	474	407	25	382	48	2	46
Dinwiddie	92	4	88	53	1	52	37	3	34	2		2
Greensville	82	2	80	53	1	52	22	1	21	7		7
Prince George	135	3	132	58	1	57	72	2	70	5		5
Surry	34	3	31	18	1	17	13	2	11	3		3
Sussex	47	5	42	23		23	23	5	18	1		1
Colonial Heights	73	2	71	14	1	13	58	1	57	1		1
Emporia	39	1	38	29	1	28	6		6	4		4
Hopewell	118	3	115	69	2	67	44	1	43	5		5
Petersburg	325	20	305	173	8	165	132	10	122	20	2	18
District 20	4,691	147	4,544	2,585	55	2,530	1,900	87	1,813	206	5	201
Isle of Wight	90	4	86	61	2	59	26	2	24	3		3
Southampton	68	4	64	39	2	37	25	2	23	4		4
Chesapeake	630	21	609	327	6	321	271	15	256	32		32
Franklin City	46	2	44	35	1	34	11	1	10			
Norfolk	1,706	58	1,648	1,012	22	990	613	33	580	81	3	78
Portsmouth	671	25	646	420	11	409	225	13	212	26	1	25
Suffolk	292	6	286	193	4	189	85	2	83	14		14
Virginia Beach	1,188	27	1,161	498	7	491	644	19	625	46	1	45
District 21	1,802	53	1,749	901	11	890	874	41	833	27	1	26
James City Co.	57		57	42		42	13		13	2		2
York	104	1	103	36		36	66	1	65	2		2
Hampton	664	22	642	291	4	287	357	18	339	16		16
Newport News	849	22	827	485	7	478	360	15	345	4		4
Poquoson	36	2	34	9		9	27	2	25			
Williamsburg	92	6	86	38		38	51	5	46	3	1	2
District 22	256	12	244	197	8	189	44	4	40	15		15
Accomack	153	6	147	113	3	110	31	3	28	9		9
Northampton	103	6	97	84	5	79	13	1	12	6		6
Unknown	3		3	1		1	2		2			

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,448	4,620	1,828	5,624	4,105	1,519	824	515	309
District 1	52	52		42	42		10	10	
Lee	6	6		6	6				
Scott	1	1					1	1	
Wise	40	40		32	32		8	8	
Norton	5	5		4	4		1	1	
District 2	120	119	1	101	100	1	19	19	
Buchanan	42	42		35	35		7	7	
Dickenson	18	18		15	15		3	3	
Russell	17	16	1	14	13	1	3	3	
Tazewell	43	43		37	37		6	6	
District 3	164	155	9	143	134	9	21	21	
Bland	7	7		7	7				
Carroll	24	24		20	20		4	4	
Grayson	22	22		19	19		3	3	
Smyth	17	17		12	12		5	5	
Washington	35	30	5	32	27	5	3	3	
Wythe	48	45	3	45	42	3	3	3	
Bristol	1	1					1	1	
Galax	10	9	1	8	7	1	2	2	
District 4	137	132	5	116	111	5	21	21	
Floyd	14	14		12	12		2	2	
Giles	23	23		21	21		2	2	
Montgomery	57	56	1	48	47	1	9	9	
Pulaski	39	36	3	32	29	3	7	7	
Radford	4	3	1	3	2	1	1	1	
District 5	341	289	52	314	267	47	27	22	5
Alleghany	9	7	2	7	6	1	2	1	1
Botetourt	21	21		20	20		1	1	
Craig	1	1		1	1				
Roanoke	94	91	3	85	82	3	9	9	
Clifton Forge									
Covington	2	2		1	1		1	1	
Roanoke City	175	129	46	162	120	42	13	9	4
Salem	39	38	1	38	37	1	1	1	
District 6	153	143	10	123	114	9	30	29	1
Augusta	34	34		25	25		9	9	
Bath	1	1		1	1				
Highland	3	3		3	3				
Rockbridge	7	7		4	4		3	3	
Rockingham	43	42	1	38	37	1	5	5	
Buena Vista	1	1		1	1				
Harrisonburg	16	16		11	11		5	5	
Lexington	1		1				1		1
Staunton	35	28	7	31	24	7	4	4	
Waynesboro	12	11	1	9	8	1	3	3	
District 7	119	114	5	102	98	4	17	16	1
Clarke	5	4	1	5	4	1			
Frederick	20	20		14	14		6	6	
Page	24	23	1	22	21	1	2	2	
Shenandoah	32	32		28	28		4	4	
Warren	24	22	2	22	21	1	2	1	1
Winchester	14	13	1	11	10	1	3	3	
District 8	1,498	1,256	242	1,372	1,156	216	126	100	26
Arlington	157	119	38	151	114	37	6	5	1
Fairfax	747	654	93	669	585	84	78	69	9
Loudoun	53	51	2	51	49	2	2	2	
Prince William	284	261	23	261	244	17	23	17	6
Alexandria	184	106	78	172	102	70	12	4	8
Fairfax City	7	7		7	7				
Falls Church	22	17	5	21	17	4	1		1
Manassas	26	23	3	24	22	2	2	1	1
Manassas Park	18	18		16	16		2	2	
District 9	84	73	11	66	58	8	18	15	3
Culpeper	20	14	6	14	10	4	6	4	2
Fauquier	45	42	3	39	37	2	6	5	1
Madison	4	4		4	4				
Orange	10	9	1	7	6	1	3	3	
Rappahannock	5	4	1	2	1	1	3	3	
District 10	141	120	21	112	99	13	29	21	8
Albemarle	56	49	7	45	41	4	11	8	3
Fluvanna	7	6	1	4	4		3	2	1
Greene	6	6		5	5		1	1	
Louisa	17	13	4	15	12	3	2	1	1
Nelson	14	12	2	11	9	2	3	3	
Charlottesville	41	34	7	32	28	4	9	6	3
District 11	251	177	74	226	162	64	25	15	10
Amherst	45	37	8	40	33	7	5	4	1
Appomattox	16	12	4	13	10	3	3	2	1
Bedford	32	26	6	30	25	5	2	1	1
Campbell	45	31	14	39	28	11	6	3	3
Bedford City	15	9	6	12	7	5	3	2	1
Lynchburg	98	62	36	92	59	33	6	3	3

(continued)

TABLE 29 - NATURAL FETAL DEATHS BY LENGTH OF GESTATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Natural Fetal Deaths			Length of Gestation					
				Under 20 Weeks			20 Weeks and Over		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	6,448	4,620	1,828	5,624	4,105	1,519	824	515	309
District 12	226	149	77	186	127	59	40	22	18
Franklin	52	43	9	42	34	8	10	9	1
Henry	39	25	14	32	22	10	7	3	4
Patrick	13	11	2	12	10	2	1	1	
Pittsylvania	65	38	27	53	33	20	12	5	7
Danville	49	26	23	39	22	17	10	4	6
Martinsville	8	6	2	8	6	2			
District 13	97	42	55	88	37	51	9	5	4
Brunswick	19	5	14	19	5	14			
Halifax	40	15	25	37	13	24	3	2	1
Mecklenburg	33	17	16	28	15	13	5	2	3
South Boston	5	5		4	4		1	1	
District 14	92	44	48	75	41	34	17	3	14
Amelia	9	6	3	9	6	3			
Buckingham	8	7	1	8	7	1			
Charlotte	17	13	4	16	13	3	1		1
Cumberland	8		8	6		6	2		2
Lunenburg	13	3	10	9	3	6	4		4
Nottoway	22	8	14	18	7	11	4	1	3
Prince Edward	15	7	8	9	5	4	6	2	4
District 15	902	546	356	797	494	303	105	52	53
Charles City Co.	10	3	7	7	3	4	3		3
Chesterfield	183	144	39	166	130	36	17	14	3
Goochland	15	10	5	15	10	5			
Hanover	59	50	9	48	43	5	11	7	4
Henrico	273	208	65	245	188	57	28	20	8
New Kent	10	8	2	9	7	2	1	1	
Powhatan	16	13	3	14	11	3	2	2	
Richmond City	336	110	226	293	102	191	43	8	35
District 16	158	124	34	135	111	24	23	13	10
Caroline	27	15	12	21	13	8	6	2	4
King George	13	10	3	11	9	2	2	1	1
Spotsylvania	48	36	12	42	33	9	6	3	3
Stafford	48	45	3	42	40	2	6	5	1
Fredericksburg	22	18	4	19	16	3	3	2	1
District 17	28	12	16	20	9	11	8	3	5
Lancaster	6	4	2	5	3	2	1	1	
Northumberland	4	3	1	4	3	1			
Richmond	4	3	1	4	3	1			
Westmoreland	14	2	12	7		7	7	2	5
District 18	32	23	9	26	20	6	6	3	3
Essex	15	10	5	11	8	3	4	2	2
Gloucester	4	4		3	3		1	1	
King and Queen	2	1	1	2	1	1			
King William	9	6	3	8	6	2	1		1
Mathews									
Middlesex	2	2		2	2				
District 19	278	124	154	230	107	123	48	17	31
Dinwiddie	18	13	5	15	11	4	3	2	1
Greensville	27	11	16	22	9	13	5	2	3
Prince George	32	19	13	26	16	10	6	3	3
Surry	6	1	5	5	1	4	1		1
Sussex	18	4	14	14	4	10	4		4
Colonial Heights	16	15	1	13	12	1	3	3	
Emporia	9		9	4		4	5		5
Hopewell	52	38	14	45	34	11	7	4	3
Petersburg	100	23	77	86	20	66	14	3	11
District 20	1,256	752	504	1,103	672	431	153	80	73
Isle of Wight	14	11	3	13	11	2	1		1
Southampton	19	5	14	15	5	10	4		4
Chesapeake	183	105	78	174	101	73	9	4	5
Franklin City	1	1		1	1				
Norfolk	480	256	224	418	225	193	62	31	31
Portsmouth	126	58	68	107	55	52	19	3	16
Suffolk	77	30	47	64	24	40	13	6	7
Virginia Beach	356	286	70	311	250	61	45	36	9
District 21	243	139	104	186	116	70	57	23	34
James City Co.	17	8	9	14	7	7	3	1	2
York	14	9	5	9	7	2	5	2	3
Hampton	112	60	52	86	49	37	26	11	15
Newport News	78	46	32	58	39	19	20	7	13
Poquoson	3	3		2	2		1	1	
Williamsburg	19	13	6	17	12	5	2	1	1
District 22	74	33	41	59	28	31	15	5	10
Accomack	40	19	21	30	16	14	10	3	7
Northampton	34	14	20	29	12	17	5	2	3
Unknown	2	2		2	2				

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,448	32	815	1,891	1,829	1,236	475	133	12	25
District 1	52	1	6	26	10	6	1	2		
Lee	6		1	3		1		1		
Scott	1				1					
Wise	40	1	4	22	6	5	1	1		
Norton	5		1	1	3					
District 2	120		33	28	36	9	8	2		4
Buchanan	42		14	8	11	1	6	2		
Dickenson	18		5	6	4	2	1			
Russell	17		5	3	8					1
Tazewell	43		9	11	13	6	1			3
District 3	164	1	26	50	46	29	9	2	1	
Bland	7		1		2	2	2			
Carroll	24		2	11	5	4	1	1		
Grayson	22		4	6	6	4	1	1		
Smyth	17		4	2	7	3			1	
Washington	35		5	13	8	6	3			
Wythe	48	1	8	14	14	9	2			
Bristol	1			1						
Galax	10		2	3	4	1				
District 4	137		18	46	43	14	13	3		
Floyd	14		2	1	7	3	1			
Giles	23		5	6	7	1	3	1		
Montgomery	57		6	22	16	4	8	1		
Pulaski	39		5	15	12	5	1	1		
Radford	4			2	1	1				
District 5	341	1	42	86	110	79	15	7		1
Alleghany	9		1	4	2	2				
Botetourt	21		3	5	6	7				
Craig	1				1					
Roanoke	94		8	17	32	31	4	2		
Clifton Forge										
Covington	2			1		1				
Roanoke City	175	1	22	51	59	28	8	5		1
Salem	39		8	8	10	10	3			
District 6	153		20	39	43	34	13	4		
Augusta	34		4	9	10	6	5			
Bath	1				1					
Highland	3					3				
Rockbridge	7		1	2	1	2		1		
Rockingham	43		5	13	15	7	3			
Buena Vista	1			1						
Harrisonburg	16			2	7	5		2		
Lexington	1			1						
Staunton	35		6	9	9	7	4			
Waynesboro	12		4	2		4	1	1		
District 7	119		22	37	23	27	8	2		
Clarke	5		1	3	1					
Frederick	20		5	7	2	6				
Page	24		5	2	7	6	3	1		
Shenandoah	32		6	8	8	8	2			
Warren	24		5	10	4	3	1	1		
Winchester	14			7	1	4	2			
District 8	1,498	6	142	393	401	370	142	37	7	
Arlington	157	1	14	45	36	48	10	3		
Fairfax	747		59	195	203	181	85	19	5	
Loudoun	53	1	3	14	15	14	5	1		
Prince William	284	3	32	80	77	60	24	7	1	
Alexandria	184	1	26	43	51	42	14	6	1	
Fairfax City	7			1	1	5				
Falls Church	22		1	3	7	10	1			
Manassas	26		3	9	6	5	2	1		
Manassas Park	18		4	3	5	5	1			
District 9	84		11	20	25	15	7	6		
Culpeper	20		3	2	8	3	1	3		
Fauquier	45		7	12	12	8	5	1		
Madison	4				1	3				
Orange	10		1	2	4		1	2		
Rappahannock	5			4		1				
District 10	141		11	32	48	35	13	2		
Albemarle	56		2	14	16	22	1	1		
Fluvanna	7			1	2	4				
Greene	6		1		3	1	1			
Louisa	17		4	5	5	1	2			
Nelson	14		2	2	6	1	2	1		
Charlottesville	41		2	10	16	6	7			
District 11	251	1	31	62	64	63	26	3		1
Amherst	45	1	7	7	14	11	4			1
Appomattox	16		1	7	4	1	3			
Bedford	32		7	5	10	8	2			
Campbell	45		5	13	5	14	6	2		
Bedford City	15		2	7	4		2			
Lynchburg	98		9	23	27	29	9	1		

(continued)

TABLE 30 - RESIDENT NATURAL FETAL DEATHS BY AGE OF MOTHER BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Unknown
STATE OF VIRGINIA	6,448	32	815	1,891	1,829	1,236	475	133	12	25
District 12	226		34	70	73	24	13	8		4
Franklin	52		8	11	18	10	3	2		
Henry	39		10	10	11	1	3	2		2
Patrick	13			4	6		3			
Pittsylvania	65		11	24	19	7	1	3		
Danville	49		4	20	13	6	3	1		2
Martinsville	8		1	1	6					
District 13	97		8	35	25	14	10	5		
Brunswick	19		3	8	2	2	4			
Halifax	40		3	14	12	4	5	2		
Mecklenburg	33		2	12	10	6		3		
South Boston	5			1	1	2	1			
District 14	92	2	9	27	29	16	8	1		
Amelia	9		1	4	2	1	1			
Buckingham	8			3	4		1			
Charlotte	17		2	7	5	3				
Cumberland	8	1	1	3	2		1			
Lunenburg	13		3	3	4	1	2			
Nottoway	22		1	6	7	6	1	1		
Prince Edward	15	1	1	1	5	5	2			
District 15	902	11	86	235	298	189	72	7	1	3
Charles City Co.	10		3	2	4	1				
Chesterfield	183	2	16	38	59	46	22			
Goochland	15		1	3	6	5				
Hanover	59		6	15	23	10	4			1
Henrico	273	1	15	73	105	58	17	3		1
New Kent	10			6	2	2				
Powhatan	16		1	5	4	3	3			
Richmond City	336	8	44	93	95	64	26	4	1	1
District 16	158	1	16	45	47	32	8	7	1	1
Caroline	27	1	4	9	5	5	2			1
King George	13		1	6	1	4		1		
Spotsylvania	48		3	13	21	8	1	2		
Stafford	48		8	12	16	8	3		1	
Fredericksburg	22			5	4	7	2	4		
District 17	28		6	11	4	3	3	1		
Lancaster	6		1	2	1	1	1			
Northumberland	4		1		1	1	1			
Richmond	4		1	2		1				
Westmoreland	14		3	7	2		1	1		
District 18	32		6	6	12	7	1			
Essex	15		3	3	4	4	1			
Gloucester	4				3	1				
King and Queen	2		1		1					
King William	9		1	3	3	2				
Mathews										
Middlesex	2		1		1					
District 19	278	2	46	91	76	42	16	4		1
Dinwiddie	18		2	9	4	2	1			
Greensville	27		7	8	6	3	3			
Prince George	32		5	12	11	3				1
Surry	6		3	2	1					
Sussex	18		1	6	6	5				
Colonial Heights	16		1	2	5	5	2	1		
Emporia	9		4	3		1	1			
Hopewell	52		5	17	16	10	4			
Petersburg	100	2	18	32	27	13	5	3		
District 20	1,256	5	201	439	336	170	69	27	2	7
Isle of Wight	14		3	4	3	1		3		
Southampton	19		4	5	7	3				
Chesapeake	183		32	64	50	21	13	1		2
Franklin City	1				1					
Norfolk	480	3	78	192	116	59	19	9	1	3
Portsmouth	126	1	25	37	39	13	8	3		
Suffolk	77		14	19	19	13	6	5		1
Virginia Beach	356	1	45	118	101	60	23	6	1	1
District 21	243	1	26	87	60	48	16	2		3
James City Co.	17		2	9	1	5				
York	14		2	4	3	4	1			
Hampton	112		16	34	27	26	6	2		1
Newport News	78		4	34	21	11	6			2
Poquoson	3				1	1	1			
Williamsburg	19	1	2	6	7	1	2			
District 22	74		15	24	20	10	4	1		
Accomack	40		9	14	9	5	3			
Northampton	34		6	10	11	5	1	1		
Unknown	2			2						

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	30,062	21,026	9,036	24,349	16,982	7,367	81.0	80.8	81.5
District 1	54	52	2	43	42	1	79.6	80.0	50.0
Lee	3	3		3	3		100.0	100.0	
Scott	2	2		2	2		100.0	100.0	
Wise	38	36	2	29	28	1	76.3	77.8	50.0
Norton	11	11		9	9		81.8	81.8	
District 2	126	117	9	95	86	9	75.4	73.5	100.0
Buchanan	37	37		29	29		78.4	78.4	
Dickenson	13	13		10	10		76.9	76.9	
Russell	10	10		5	5		50.0	50.0	
Tazewell	66	57	9	51	42	9	77.3	73.7	100.0
District 3	306	289	17	228	212	16	74.5	73.4	94.1
Bland	7	7		6	6		85.7	85.7	
Carroll	42	42		30	30		71.4	71.4	
Grayson	17	16	1	9	8	1	52.9	50.0	100.0
Smyth	67	61	6	47	42	5	70.1	68.9	83.3
Washington	48	44	4	37	33	4	77.1	75.0	100.0
Wythe	77	74	3	57	54	3	74.0	73.0	100.0
Bristol	24	22	2	23	21	2	95.8	95.5	100.0
Galax	24	23	1	19	18	1	79.2	78.3	100.0
District 4	796	750	46	700	659	41	87.9	87.9	89.1
Floyd	29	28	1	25	24	1	86.2	85.7	100.0
Giles	38	38		33	33		86.8	86.8	
Montgomery	453	434	19	395	380	15	87.2	87.6	78.9
Pulaski	121	105	16	104	89	15	86.0	84.8	93.8
Radford	155	145	10	143	133	0	92.3	91.7	100.0
District 5	1,188	963	225	969	790	179	81.6	82.0	79.6
Alleghany	39	36	3	27	25	2	69.2	69.4	66.7
Botetourt	69	64	5	56	53	3	81.2	82.8	60.0
Craig	10	10		8	8		80.0	80.0	
Roanoke	322	302	20	258	245	13	80.1	81.1	65.0
Clifton Forge	11	10	1	11	10	1	100.0	100.0	100.0
Covington	28	24	4	23	20	3	82.1	83.3	75.0
Roancke City	570	385	185	469	315	154	82.3	81.8	83.2
Salem	139	132	7	117	114	3	84.2	86.4	42.9
District 6	667	623	44	557	521	36	83.5	83.6	81.8
Augusta	245	225	20	205	188	17	83.7	83.6	85.0
Bath	17	16	1	14	13	1	82.4	81.3	100.0
Highland	11	11		7	7		63.6	63.6	
Rockbridge	44	44		36	36		81.8	81.8	
Rockingham	188	181	7	157	152	5	83.5	84.0	71.4
Buena Vista	17	17		12	12		70.6	70.6	
Harrisonburg	62	57	5	58	53	5	93.5	93.0	100.0
Lexington	10	9	1	6	6		60.0	66.7	0.0
Staunton	47	43	4	40	37	3	85.1	86.0	75.0
Waynesboro	26	20	6	22	17	5	84.6	85.0	83.3
District 7	231	221	10	170	161	9	73.6	72.9	90.0
Clarke	24	21	3	18	16	2	75.0	76.2	66.7
Frederick	62	59	3	46	43	3	74.2	72.9	100.0
Page	36	35	1	27	26	1	75.0	74.3	100.0
Shenandoah	34	34		23	23		67.6	67.6	
Warren	49	48	1	38	37	1	77.6	77.1	100.0
Winchester	26	24	2	18	16	2	69.2	66.7	100.0
District 8	6,429	5,664	765	5,171	4,589	582	80.4	81.0	76.1
Arlington	758	640	118	624	532	92	82.3	83.1	78.0
Fairfax	3,663	3,337	326	2,987	2,748	239	81.5	82.3	73.3
Loudoun	292	264	28	222	199	23	76.0	75.4	82.1
Prince William	764	690	74	557	511	46	72.9	74.1	62.2
Alexandria	698	500	198	590	421	169	84.5	84.2	85.4
Fairfax City	62	61	1	53	52	1	85.5	85.2	100.0
Falls Church	102	90	12	75	67	8	73.5	74.4	66.7
Manassas	81	74	7	58	54	4	71.6	73.0	57.1
Manassas Park	9	8	1	5	5		55.6	62.5	0.0
District 9	386	311	75	298	239	59	77.2	76.8	78.7
Culpeper	99	77	22	75	57	18	75.8	74.0	81.8
Fauquier	137	108	29	111	87	24	81.0	80.6	82.8
Madison	32	22	10	25	17	8	78.1	77.3	80.0
Orange	92	82	10	65	60	5	70.7	73.2	50.0
Rappahannock	26	22	4	22	18	4	84.6	81.8	100.0
District 10	848	702	146	705	584	121	83.1	83.2	82.9
Albemarle	379	343	36	325	295	30	85.8	86.0	83.3
Fluvanna	39	28	11	25	17	8	64.1	60.7	72.7
Greene	30	29	1	25	25		83.3	86.2	0.0
Louisa	70	48	22	52	33	19	74.3	68.8	86.4
Nelson	60	47	13	44	35	9	73.3	74.5	69.2
Charlottesville	270	207	63	234	179	55	86.7	86.5	87.3
District 11	839	610	229	652	477	175	77.7	78.2	76.4
Amherst	119	88	31	91	65	26	76.5	73.9	83.9
Appomattox	25	15	10	18	12	6	72.0	80.0	60.0
Bedford	107	89	18	83	69	14	77.6	77.5	77.8
Campbell	164	128	36	121	96	25	73.8	75.0	69.4
Bedford City	22	21	1	15	14	1	68.2	66.7	100.0
Lynchburg	402	269	133	324	221	103	80.6	82.2	77.4

(continued)

TABLE 31 - INDUCED ABORTIONS BY RACE AND LEGITIMACY STATUS WITH PERCENT ILLEGITIMATE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	All Induced Abortions			Illegitimate			Percent Illegitimate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	30,062	21,026	9,036	24,349	16,982	7,367	81.0	80.0	81.5
District 12	621	380	241	500	298	202	80.5	78.4	83.8
Franklin	129	106	23	103	87	16	79.8	82.1	69.6
Henry	159	104	55	126	79	47	79.2	76.0	85.5
Patrick	18	16	2	17	15	2	94.4	93.8	100.0
Pittsylvania	160	83	77	127	59	68	79.4	71.1	88.3
Danville	76	32	44	62	26	36	81.6	81.3	81.8
Martinsville	79	39	40	65	32	33	82.3	82.1	82.5
District 13	311	124	187	228	90	138	73.3	72.6	73.8
Brunswick	81	20	61	60	16	44	74.1	80.0	72.1
Halifax	111	52	59	82	36	46	73.9	69.2	78.0
Mecklenburg	99	38	61	70	27	43	70.7	71.1	70.5
South Boston	20	14	6	16	11	5	80.0	78.6	83.3
District 14	380	179	201	282	138	144	74.2	77.1	71.6
Amelia	36	18	18	27	12	15	75.0	66.7	83.3
Buckingham	34	12	22	22	6	16	64.7	50.0	72.7
Charlotte	49	17	32	35	11	24	71.4	64.7	75.0
Cumberland	22	11	11	14	5	9	63.6	45.5	81.8
Lunenburg	51	20	31	36	17	19	70.6	85.0	61.3
Nottoway	66	27	39	48	21	27	72.7	77.8	69.2
Prince Edward	122	74	48	100	66	34	82.0	89.2	70.8
District 15	6,132	3,513	2,619	4,999	2,793	2,206	81.5	79.5	84.2
Charles City Co.	46	9	37	35	6	29	76.1	66.7	78.4
Chesterfield	973	823	150	737	624	113	75.7	75.8	75.3
Goochland	67	38	29	52	29	23	77.6	76.3	79.3
Hanover	341	250	91	256	189	67	75.1	75.6	73.6
Henrico	1,769	1,303	466	1,379	1,028	351	78.0	78.9	75.3
New Kent	32	24	8	20	14	6	62.5	58.3	75.0
Powhatan	61	46	15	42	28	14	68.9	60.9	93.3
Richmond City	2,843	1,020	1,823	2,478	875	1,603	87.2	85.8	87.9
District 16	597	453	144	457	351	106	76.5	77.5	73.6
Caroline	108	54	54	81	38	43	75.0	70.4	79.6
King George	39	25	14	29	20	9	74.4	80.0	64.3
Spotsylvania	136	105	31	92	71	21	67.6	67.6	67.7
Stafford	157	140	17	125	113	12	79.6	80.7	70.6
Fredericksburg	157	129	28	130	109	21	82.8	84.5	75.0
District 17	190	96	94	154	72	82	81.1	75.0	87.2
Lancaster	49	24	25	45	21	24	91.8	87.5	96.0
Northumberland	31	12	19	21	8	13	67.7	66.7	68.4
Richmond	31	20	11	24	14	10	77.4	70.0	90.9
Westmoreland	79	40	39	64	29	35	81.0	72.5	89.7
District 18	288	180	108	215	131	84	74.7	72.8	77.8
Essex	50	27	23	38	23	15	76.0	85.2	65.2
Gloucester	88	68	20	73	54	19	83.0	79.4	95.0
King and Queen	26	10	16	17	5	12	65.4	50.0	75.0
King William	62	28	34	45	19	26	72.6	67.9	76.5
Mathews	27	20	7	21	15	6	77.8	75.0	85.7
Middlesex	35	27	8	21	15	6	60.0	55.6	75.0
District 19	1,188	564	624	993	459	534	83.6	81.4	85.6
Dinwiddie	103	51	52	77	36	41	74.8	70.6	78.8
Greensville	71	24	47	64	21	43	90.1	87.5	91.5
Prince George	149	90	59	122	76	46	81.9	84.4	78.0
Surry	39	12	27	34	11	23	87.2	91.7	85.2
Sussex	63	17	46	54	11	43	85.7	64.7	93.5
Colonial Heights	128	118	10	106	99	7	82.8	83.9	70.0
Emporia	16	6	10	14	6	8	87.5	100.0	80.0
Hopewell	167	112	55	132	84	48	79.0	75.0	87.3
Petersburg	452	134	318	390	115	275	86.3	85.8	86.5
District 20	5,757	3,690	2,067	4,738	3,043	1,695	82.3	82.5	82.0
Isle of Wight	70	41	29	53	29	24	75.7	70.7	82.8
Southampton	56	22	34	45	17	28	80.4	77.3	82.4
Chesapeake	70[illegible]	435	271	580	356	224	82.2	81.8	82.7
Franklin City	29	13	16	19	10	9	65.5	76.9	56.3
Norfolk	2,090	1,191	899	1,712	969	743	81.9	81.4	82.6
Portsmouth	708	293	415	579	240	339	81.8	81.9	81.7
Suffolk	232	95	137	197	80	117	84.9	84.2	85.4
Virginia Beach	1,866	1,600	266	1,553	1,342	211	83.2	83.9	79.3
District 21	2,585	1,459	1,126	2,080	1,177	903	80.5	80.7	80.2
James City Co.	40	17	23	37	15	22	92.5	88.2	95.7
York	125	99	26	99	77	22	79.2	77.8	84.6
Hampton	1,004	504	500	812	412	400	80.9	81.7	80.0
Newport News	1,167	643	524	922	510	412	79.0	79.3	78.6
Poquoson	49	49		40	40		81.6	81.6	
Williamsburg	200	147	53	170	123	47	85.0	83.7	88.7
District 22	130	77	53	104	62	42	80.0	80.5	79.2
Accomack	89	57	32	74	48	26	83.1	84.2	81.3
Northampton	41	20	21	30	14	16	73.2	70.0	76.2
Unknown	13	9	4	11	8	3			

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Unknown
STATE OF VIRGINIA	30,062	375	9,358	10,456	5,555	2,731	1,182	336	34	35
District 1	54	1	15	24	8	4	1	1		
Lee	3		1	2						
Scott	2		1	1						
Wise	38	1	11	18	4	2	1	1		
Norton	11		2	3	4	2				
District 2	126	1	41	46	21	8	7	2		
Buchanan	37		8	17	7	4	1			
Dickenson	13		6	4	1	1	1			
Russell	10	1	3	1	2	1	2			
Tazewell	66		24	24	11	2	3	2		
District 3	306	7	116	98	46	22	13	4		
Bland	7		4	2	1					
Carroll	42	1	22	9	8	1		1		
Grayson	17		5	8	2		1	1		
Smyth	67	1	26	21	8	8	3			
Washington	48	2	18	18	7	2	1			
Wythe	77	2	28	19	15	6	6	1		
Bristol	24	1	8	11	1	2	1			
Galax	24		5	10	4	3	1	1		
District 4	796	8	259	364	105	29	24	6		1
Floyd	29		7	6	9	5	1	1		
Giles	38	2	16	9	8		3			
Montgomery	453	3	119	244	58	12	14	3		
Pulaski	121	2	53	37	15	8	5	1		
Radford	155	1	64	68	15	4	1	1		1
District 5	1,188	17	422	394	196	94	49	13	2	1
Alleghany	39		11	18	3	3	2	2		
Botetourt	69		31	18	6	7	6	1		
Craig	10		6	1	1	1		1		
Roanoke	322	2	108	105	53	30	18	5	1	
Clifton Forge	11		3	6	2					
Covington	28		9	11	2	2	3	1		
Roanoke City	570	11	210	178	112	38	16	3	1	1
Salem	139	4	44	57	17	13	4			
District 6	667	8	248	244	84	50	25	7		1
Augusta	245	3	99	77	35	18	11	1		1
Bath	17	1	6	8	1	1				
Highland	11		4	3	2	1	1			
Rockbridge	44	2	18	13	5	4	1	1		
Rockingham	188	1	64	81	19	12	9	2		
Buena Vista	17		4	4	3	3	3			
Harrisonburg	62		21	28	8	3		2		
Lexington	10		3	3		4				
Staunton	47	1	21	17	5	3				
Waynesboro	26		8	10	6	1		1		
District 7	231	4	70	79	32	23	18	1	1	3
Clarke	24		6	12	2	3	1			
Frederick	62	3	17	19	10	3	6	1		3
Page	36		15	10	4	5	2			
Shenandoah	34		10	12	3	4	5			
Warren	49		18	14	11	5	1			
Winchester	26	1	4	12	2	3	3		1	
District 8	6,429	29	2,014	2,084	1,205	726	277	75	8	11
Arlington	758	1	172	268	183	99	28	5	1	1
Fairfax	3,663	12	1,195	1,181	621	418	171	53	5	7
Loudoun	292	2	107	83	55	27	16	1	1	
Prince William	764	9	291	233	119	69	33	9	1	
Alexandria	698	3	169	241	178	81	19	5		2
Fairfax City	62		23	23	8	6		1		1
Falls Church	102		23	34	22	16	6	1		
Manassas	81	2	32	18	15	10	4			
Manassas Park	9		2	3	4					
District 9	386	7	135	122	69	41	10	2		
Culpeper	99	5	39	32	12	11				
Fauquier	137	1	52	39	26	13	6			
Madison	32	1	9	12	9	1				
Orange	92		31	29	18	11	1	2		
Rappahannock	26		4	10	4	5	3			
District 10	848	13	245	323	149	76	30	11		1
Albemarle	379	4	108	147	67	30	18	5		
Fluvanna	39	1	12	8	5	9	2	1		1
Greene	30	1	14	4	8	1		2		
Louisa	70	1	20	27	12	8	2			
Nelson	60	1	16	18	17	5	2	1		
Charlottesville	270	5	75	119	40	23	6	2		
District 11	839	10	258	284	162	77	37	10	1	
Amherst	119		50	36	20	9	3	1		
Appomattox	25	1	4	10	7		2	1		
Bedford	107		36	34	22	10	3	2		
Campbell	164	2	58	56	26	12	10			
Bedford City	22		7	3	7	3	2			
Lynchburg	402	7	103	145	80	43	17	6	1	

(continued)

TABLE 32
RESIDENT INDUCED ABORTIONS BY AGE OF MOTHER BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Total	Age of Mother								
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45 and over	Unknown
STATE OF VIRGINIA	30,062	375	9,358	10,456	5,555	2,731	1,182	336	34	35
District 12	621	8	237	209	98	37	25	7		
Franklin	129	3	44	50	14	6	10	2		
Henry	159	1	83	46	18	6	3	2		
Patrick	18		8	6	2	2				
Pittsylvania	160	4	55	54	30	9	6	2		
Danville	76		25	24	17	7	3			
Martinsville	79		22	29	17	7	3	1		
District 13	311	8	91	94	56	38	17	5	2	
Brunswick	81	2	22	31	13	6	5	2		
Halifax	111	5	42	25	16	15	6	1	1	
Mecklenburg	99		23	32	22	14	6	1	1	
South Boston	20	1	4	6	5	3		1		
District 14	380	6	119	132	71	27	18	6		1
Amelia	36		8	14	6	2	5			1
Buckingham	34	1	10	6	12	3	1	1		
Charlotte	49		15	17	10	4	3			
Cumberland	22		6	9	2	2	2	1		
Lunenburg	51	3	18	12	12	4	1	1		
Nottoway	66		16	20	16	10	3	1		
Prince Edward	122	2	46	54	13	2	3	2		
District 15	6,132	72	1,645	2,119	1,316	632	261	71	11	5
Charles City Co.	46		12	15	12	2	3	2		
Chesterfield	973	12	310	295	187	98	57	12	1	1
Goochland	67		22	18	13	11	2	1		
Hanover	341	2	121	102	61	29	20	4		2
Henrico	1,769	13	491	577	353	218	93	22	2	
New Kent	32		3	17	5	6			1	
Powhatan	61	3	20	13	14	7	3			1
Richmond City	2,843	42	666	1,082	671	261	83	30	7	1
District 16	597	9	202	202	94	52	30	7	1	
Caroline	108	1	31	28	24	14	8	2		
King George	39		13	16	7	3				
Spotsylvania	136	3	52	35	23	11	9	3		
Stafford	157	2	70	50	18	10	4	2	1	
Fredericksburg	157	3	36	73	22	14	9			
District 17	190	4	69	55	26	22	12	2		
Lancaster	49		21	10	7	8	3			
Northumberland	31		9	7	5	6	3	1		
Richmond	31	1	11	13	2	2	2			
Westmoreland	79	3	28	25	12	6	4	1		
District 18	288	6	102	103	39	22	10	5		1
Essex	50	3	16	15	6	4	3	2		1
Gloucester	88	3	32	38	12	2	1			
King and Queen	26		6	8	3	6	3			
King William	62		23	24	9	4	2			
Mathews	27		12	8	4	2		1		
Middlesex	35		13	10	5	4	1	2		
District 19	1,188	25	382	414	228	85	35	18		1
Dinwiddie	103	3	34	32	21	9	3	1		
Greensville	71	1	21	30	12	6	1			
Prince George	149	2	70	41	23	7	5	1		
Surry	39	2	11	11	12	2	1			
Sussex	63	5	18	24	10	3	2	1		
Colonial Heights	128	1	57	33	18	11	5	3		
Emporia	16		6	6	2	2				
Hopewell	167	1	43	68	28	17	6	4		
Petersburg	452	10	122	169	102	28	12	8		1
District 20	5,757	87	1,813	2,061	1,077	462	192	54	4	7
Isle of Wight	70	2	24	23	14	3	4			
Southampton	56	2	23	20	8	1	1			1
Chesapeake	706	15	256	234	115	49	28	7		2
Franklin City	29	1	10	9	7	1	1			
Norfolk	2,090	33	580	835	397	160	64	17	1	3
Portsmouth	708	13	212	248	142	65	22	5	1	
Suffolk	232	2	83	74	37	18	8	8	1	1
Virginia Beach	1,866	19	625	618	357	165	64	17	1	
District 21	2,585	41	833	960	445	190	84	27	3	2
James City Co.	40		13	14	6	3	4			
York	125	1	65	36	10	5	6	2		
Hampton	1,004	18	339	352	173	68	39	14		1
Newport News	1,167	15	345	456	220	95	26	8	2	
Poquoson	49	2	25	12	5	5				
Williamsburg	200	5	46	90	31	14	9	3	1	1
District 22	130	4	40	41	25	12	5	2	1	
Accomack	89	3	28	28	16	11	2	1		
Northampton	41	1	12	13	9	1	3	1	1	
Unknown	13		2	4	3	2	2			

TABLE 33
RESIDENT NATURAL FETAL DEATHS, LENGTH OF GESTATION BY RACE BY CAUSE OF DEATH, VIRGINIA, 1980

Causes of Natural Fetal Deaths	Total			Length of Gestation								
				Less than 20 Weeks			20-27 Weeks			28 Weeks and Over		
	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh	Total	White	Nonwh
ALL CAUSES	6,448	4,620	1,828	5,624	4,105	1,519	371	207	164	453	308	145
Causes and Conditions in Mother	643	446	197	583	409	174	36	22	14	24	15	9
Hypertensive disorders (7600)	20	12	8	3	2	1	3	1	2	14	9	5
Diseases or infections (7601-7603)	3	2	1	2	2		1		1			
Injuries (7605)	1	1		1	1							
Other conditions unrelated to pregnancy (7606-7609)	1	1					1	1				
Incompetent cervix (7610)	17	12	5	5	4	1	11	8	3	1		1
Premature rupture of membranes (7611)	41	21	20	19	9	10	17	9	8	5	3	2
Ectopic pregnancy (7614)	467	312	155	466	312	154				1		1
Hydatidiform mole (7800)	13	12	1	12	11	1	1	1				
Blighted ovum (7801)	77	70	7	75	68	7	1	1		1	1	
Other complications (7612-7613)	3	3					1	1		2	2	
Complications of Placenta, Cord and Membranes	325	227	98	114	82	32	56	32	24	155	113	42
Placenta praevia (7620)	17	14	3	5	4	1	4	4		8	6	2
Other placental separation and hemorrhage (7621)	149	97	52	71	52	19	31	16	15	47	29	18
Other abnormalities of placenta (7622)	64	44	20	27	19	8	7	4	3	30	21	9
Prolapsed cord (7624)	22	14	8	6	4	2	6	1	5	10	9	1
Other compression of umbilical cord (7625)	52	44	8	3	2	1	3	3		46	39	7
Other conditions of umbilical cord (7626)	16	13	3	1		1	4	4		11	9	2
Abnormalities of membranes (7627-7629)	5	1	4	1	1		1		1	3		3
Conditions in Fetus	189	121	68	49	35	14	59	33	26	81	53	28
Immaturity (764-765)	94	56	38	26	17	9	49	25	24	19	14	5
Intrauterine hypoxia and birth asphyxia (768)	50	33	7	15	11	4	5	3	2	30	19	11
Congenital anomalies (7802)	32	22	10	5	4	1	4	4		23	14	9
Other conditions in fetus (7700-7798)	13	10	3	3	3		1	1		9	6	3
Spontaneous Abortion (7618)	4,222	3,087	1,135	4,098	3,025	1,073	111	55	56	13	7	6
Ill defined and unknown causes	1,069	739	330	780	554	226	109	65	44	180	120	60

TABLE 34 - NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT
AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Number			Rate		
	Total	White	Nonwh	Total	White	Nonwh
STATE OF VIRGINIA	779	488	291	9.9	8.4	14.3
District 1	22	21	1	14.2	13.8	41.7
Lee	5	5		13.6	13.6	
Scott	3	3		10.3	10.5	0.0
Wise	13	12	1	15.9	15.0	58.8
Norton	1	1		14.5	15.2	0.0
District 2	25	25		12.2	12.3	0.0
Buchanan	6	6		9.7	9.8	0.0
Dickenson	3	3		9.9	9.9	
Russell	2	2		4.7	4.7	0.0
Tazewell	14	14		19.6	20.2	0.0
District 3	20	20		9.4	9.7	0.0
Bland	2	2		23.8	23.8	
Carroll	2	2		7.4	7.5	0.0
Grayson	1	1		5.8	6.1	0.0
Smyth	4	4		9.4	9.5	0.0
Washington	5	5		8.9	9.1	0.0
Wythe	1	1		3.1	3.3	0.0
Bristol	5	5		22.6	24.8	0.0
Galax				0.0	0.0	0.0
District 4	13	13		8.4	8.9	0.0
Floyd	1	1		7.0	7.3	0.0
Giles	1	1		5.2	5.3	0.0
Montgomery	6	6		9.1	9.5	0.0
Pulaski	4	4		9.1	9.7	0.0
Radford	1	1		9.0	9.9	0.0
District 5	26	16	10	8.1	5.8	21.2
Alleghany				0.0	0.0	0.0
Botetourt	1	1		3.9	4.0	0.0
Craig	1	1		20.0	20.0	
Roanoke	7	7		8.4	8.7	0.0
Clifton Forge				0.0	0.0	0.0
Covington	1		1	7.9	0.0	52.6
Roanoke City	13	4	9	9.1	3.9	22.6
Salem	3	3		10.6	11.0	0.0
District 6	23	22	1	8.3	8.4	7.2
Augusta	1	1		1.4	1.4	0.0
Bath	1	1		14.1	14.9	0.0
Highland				0.0	0.0	0.0
Rockbridge	2	2		8.3	8.5	0.0
Rockingham	7	7		7.9	8.1	0.0
Buena Vista	1	1		13.9	14.5	0.0
Harrisonburg	2	2		10.1	10.9	0.0
Lexington	1	1		19.6	22.7	0.0
Staunton	5	4	1	18.3	16.8	28.6
Waynesboro	3	3		13.4	15.2	0.0
District 7	13	13		6.9	7.2	0.0
Clarke	3	3		22.7	25.2	0.0
Frederick	1	1		1.9	1.9	0.0
Page				0.0	0.0	0.0
Shenandoah	1	1		2.7	2.8	0.0
Warren	4	4		13.7	14.5	0.0
Winchester	4	4		14.4	16.6	0.0
District 8	116	91	25	7.1	6.7	9.0
Arlington	8	8		4.1	5.4	0.0
Fairfax	57	47	10	6.8	6.6	8.1
Loudoun	6	3	3	6.7	3.8	28.8
Prince William	20	16	4	6.9	6.3	12.3
Alexandria	14	7	7	9.8	8.1	12.2
Fairfax City	2	2		6.3	7.5	0.0
Falls Church	1	1		9.3	10.2	0.0
Manassas	7	6	1	19.4	18.3	30.3
Manassas Park	1	1		8.3	9.2	0.0
District 9	4	1	3	2.9	0.9	10.7
Culpeper				0.0	0.0	0.0
Fauquier	2	1	1	3.8	2.2	13.0
Madison				0.0	0.0	0.0
Orange	2		2	6.6	0.0	25.3
Rappahannock				0.0	0.0	0.0
District 10	18	15	3	8.9	9.9	6.0
Albemarle	8	8		10.8	12.9	0.0
Fluvanna				0.0	0.0	0.0
Greene				0.0	0.0	0.0
Louisa	1	1		4.0	6.3	0.0
Nelson	2	2		10.7	14.5	0.0
Charlottesville	7	4	3	13.2	11.1	17.3
District 11	19	10	9	7.4	5.3	13.6
Amherst	2	2		5.3	6.9	0.0
Appomattox	2	1	1	14.0	9.2	29.4
Bedford	4		4	8.4	0.0	56.3
Campbell	3	3		4.6	5.8	0.0
Bedford City	1		1	14.7	0.0	50.0
Lynchburg	7	4	3	8.3	7.5	9.7
District 12	34	25	9	11.3	12.2	9.4
Franklin	5	5		11.9	14.3	0.0
Henry	4	2	2	5.4	3.7	9.8
Patrick	3	3		15.9	17.3	0.0
Pittsylvania	13	10	3	15.3	18.9	9.4
Danville	8	5	3	12.9	14.5	10.9
Martinsville	1		1	5.4	0.0	13.3
District 13	12	4	8	10.9	7.7	13.7
Brunswick	5	1	4	21.9	11.8	28.0
Halifax	3	2	1	7.2	9.1	5.0
Mecklenburg	4	1	3	10.5	5.6	14.9
South Boston				0.0	0.0	0.0
District 14	15	4	11	13.2	6.8	19.9
Amelia	3	1	2	26.5	13.0	55.6
Buckingham				0.0	0.0	0.0
Charlotte	5	2	3	27.6	23.8	30.9
Cumberland				0.0	0.0	0.0
Lunenburg	2		2	13.7	0.0	23.8
Nottoway	2	1	1	9.6	8.3	11.5
Prince Edward	3		3	13.3	0.0	26.3
District 15	118	48	70	12.9	8.1	21.4
Charles City Co.	1		1	8.2	0.0	10.6
Chesterfield	18	12	6	8.3	6.2	25.9
Goochland	2	1	1	13.5	11.8	15.9
Hanover	8	5	3	12.3	9.5	23.6
Henrico	26	16	10	11.0	8.7	18.5
New Kent				0.0	0.0	0.0
Powhatan				0.0	0.0	0.0
Richmond City	63	14	49	18.4	11.1	22.6
District 16	23	19	4	12.9	13.0	12.0
Caroline	5	4	1	17.7	22.9	9.3
King George	1	1		5.9	8.5	0.0
Spotsylvania	7	6	1	12.6	12.6	13.2
Stafford	5	5		8.6	9.[illegible]	0.0
Fredericksburg	5	3	2	25.3	19.5	45.5
District 17	12	6	6	23.2	21.8	24.7
Lancaster	3	2	1	26.3	32.3	19.2
Northumberland	4	3	1	34.5	47.6	18.9
Richmond	1	1		10.9	14.7	0.0
Westmoreland	4		4	20.4	0.0	35.1
District 18	12	7	5	15.1	12.4	21.8
Essex	1	1		9.0	16.9	0.0
Gloucester	5	4	1	17.2	16.5	21.3
King and Queen	1		1	12.0	0.0	30.3
King William	2		2	14.8	0.0	43.5
Mathews	1	1		11.6	16.4	0.0
Middlesex	2	1	1	22.5	15.9	38.5
District 19	25	11	14	10.1	8.5	11.7
Dinwiddie	4	2	2	15.1	13.2	17.5
Greensville	2	1	1	11.4	16.1	8.8
Prince George				0.0	0.0	0.0
Surry	1	1		11.5	32.3	0.0
Sussex	3	1	2	19.2	19.2	19.2
Colonial Heights	2	2		11.0	11.8	0.0
Emporia				0.0	0.0	0.0
Hopewell	2	2		4.8	6.3	0.0
Petersburg	11	2	9	15.7	10.0	18.0
District 20	143	78	65	9.7	8.4	11.8
Isle of Wight	2		2	6.3	0.0	14.7
Southampton	3	2	1	12.4	16.5	8.3
Chesapeake	18	7	11	9.1	5.5	15.4
Franklin City	3	2	1	22.1	35.7	12.5
Norfolk	55	31	24	11.0	11.2	10.6
Portsmouth	27	10	17	14.3	11.7	16.5
Suffolk	7	2	5	9.4	6.3	11.7
Virginia Beach	28	24	4	6.3	6.5	5.4
District 21	85	39	46	15.4	11.1	22.8
James City Co.	6	2	4	23.7	11.7	48.8
York	6	4	2	22.7	19.7	32.8
Hampton	30	12	18	14.6	9.2	24.1
Newport News	39	18	21	14.4	11.0	19.7
Poquoson	1	1		8.8	9.0	0.0
Williamsburg	3	2	1	21.0	24.7	16.1
District 22	1		1	1.5	0.0	2.6
Accomack	1		1	2.3	0.0	4.2
Northampton				0.0	0.0	0.0

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	999	616	383	1,075	686	389	13.7	11.8	19.1
District 1	21	21		33	32	1	21.3	21.0	41.7
Lee	1	1		6	6		16.3	16.3	
Scott	2	2		7	7		24.1	24.5	0.0
Wise	16	16		19	18	1	23.2	22.5	58.8
Norton	2	2		1	1		14.5	15.2	0.0
District 2	27	27		40	40		19.4	19.7	0.0
Buchanan	9	9		14	14		22.7	22.8	0.0
Dickenson	1	1		5	5		16.6	16.6	
Russell	3	3		4	4		9.4	9.5	0.0
Tazewell	14	14		17	17		23.8	24.5	0.0
District 3	15	14	1	31	30	1	14.5	14.5	14.7
Bland				2	2		23.8	23.8	
Carroll				3	3		11.2	11.2	0.0
Grayson				1	1		5.8	6.1	0.0
Smyth	6	6		9	9		21.2	21.5	0.0
Washington	7	6	1	8	7	1	14.3	12.7	111.1
Wythe	1	1		2	2		6.2	6.6	0.0
Bristol	1	1		6	6		27.1	29.7	0.0
Galax							0.0	0.0	0.0
District 4	10	10		17	16	1	11.0	10.9	13.9
Floyd	1	1		2	2		14.1	14.6	0.0
Giles	1	1		2	1	1	10.5	5.3	250.0
Montgomery	3	3		6	6		9.1	9.5	0.0
Pulaski	4	4		6	6		13.7	14.5	0.0
Radford	1	1		1	1		9.0	9.9	0.0
District 5	46	33	13	34	21	13	10.5	7.6	27.6
Alleghany	3	2	1	2	2		10.3	10.4	0.0
Botetourt	1	1		2	2		7.8	8.0	0.0
Craig				1	1		20.0	20.0	
Roanoke				8	8		9.6	10.0	0.0
Clifton Forge							0.0	0.0	0.0
Covington				1		1	7.9	0.0	52.6
Roanoke City	38	26	12	17	5	12	11.9	4.9	30.2
Salem	4	4		3	3		10.6	11.0	0.0
District 6	20	19	1	36	35	1	13.0	13.3	7.2
Augusta	1	1		5	5		6.9	7.2	0.0
Bath	1	1		2	2		28.2	29.9	0.0
Highland				1	1		27.8	28.6	0.0
Rockbridge				3	3		12.5	12.8	0.0
Rockingham				10	10		11.3	11.6	0.0
Buena Vista				1	1		13.9	14.5	0.0
Harrisonburg	8	8		3	3		15.2	16.3	0.0
Lexington	2	2		1	1		19.6	22.7	0.0
Staunton	5	4	1	6	5	1	22.0	21.0	28.6
Waynesboro	3	3		4	4		17.9	20.2	0.0
District 7	12	12		16	16		8.4	8.8	0.0
Clarke				4	4		30.3	33.6	0.0
Frederick				2	2		3.8	3.8	0.0
Page							0.0	0.0	0.0
Shenandoah				1	1		2.7	2.8	0.0
Warren	4	4		5	5		17.1	18.2	0.0
Winchester	8	8		4	4		14.4	16.6	0.0
District 8	108	82	26	167	131	36	10.2	9.6	13.0
Arlington	5	5		14	12	2	7.2	8.0	4.4
Fairfax	64	51	13	75	63	12	9.0	8.9	9.7
Loudoun	4	2	2	8	5	3	8.9	6.3	28.8
Prince William	8	7	1	37	30	7	12.8	11.7	21.6
Alexandria	19	10	9	19	9	10	13.2	10.4	17.5
Fairfax City	2	2		4	3	1	13.7	11.3	37.0
Falls Church				1	1		9.3	10.2	0.0
Manassas	6	5	1	7	6	1	19.4	18.3	30.3
Manassas Park				2	2		16.7	18.3	0.0
District 9	2		2	6	2	4	4.4	1.9	14.2
Culpeper							0.0	0.0	0.0
Fauquier	1		1	2	1	1	3.8	2.2	13.0
Madison				1	1		7.2	8.9	0.0
Orange	1		1	3		3	10.0	0.0	38.0
Rappahannock							0.0	0.0	0.0
District 10	66	55	11	23	18	5	11.4	11.9	10.0
Albemarle	59	49	10	8	8		10.8	12.9	0.0
Fluvanna	1		1	1		1	6.3	0.0	18.2
Greene							0.0	0.0	0.0
Louisa				1	1		4.0	6.3	0.0
Nelson				2	2		10.7	14.5	0.0
Charlottesville	6	6		11	7	4	20.7	19.5	23.1
District 11	40	22	18	26	15	11	10.2	7.9	16.6
Amherst	3	2	1	2	2		5.3	6.9	0.0
Appomattox				2	1	1	14.0	9.2	29.4
Bedford	1	1		6	2	4	12.6	4.9	56.3
Campbell	1		1	6	5	1	9.2	9.7	7.1
Bedford City	2		2	1		1	14.7	0.0	50.0
Lynchburg	33	19	14	9	5	4	10.7	9.4	13.0

(continued)

TABLE 35 - INFANT DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 LIVE BIRTHS BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980 (continued)

Planning District/ City or County	DEATHS UNDER ONE YEAR								
	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	999	616	383	1,075	686	389	13.7	11.8	19.1
District 12	20	13	7	42	30	12	14.0	14.7	12.5
Franklin				6	6		14.3	17.1	0.0
Henry				5	3	2	6[illegible]	5.6	9.8
Patrick	2	2		4	4		21.2	23.1	0.0
Pittsylvania	1		1	17	12	5	20.0	22.6	15.6
Danville	15	9	6	9	5	4	14.5	14.5	14.6
Martinsville	2	2		1		1	5.4	0.0	13.3
District 13	10	4	6	19	5	14	17.2	9.6	24.0
Brunswick	2		2	7	1	6	30.7	11.8	42.0
Halifax				3	2	1	7.2	9.1	5.0
Mecklenburg	4	2	2	6	1	5	15.7	5.6	24.9
South Boston	4	2	2	3	1	2	38.5	27.0	48.8
District 14	1		1	17	5	12	14.9	8.5	21.7
Amelia				3	1	2	26.5	13.0	55.6
Buckingham				1	1		5.8	11.2	0.0
Charlotte				5	2	3	27.6	23.8	30.9
Cumberland							0.0	0.0	0.0
Lunenburg				3		3	20.5	0.0	35.7
Nottoway				2	1	1	9.6	8.3	11.5
Prince Edward	1		1	3		3	13.3	0.0	26.3
District 15	232	111	121	144	62	82	15.7	10.5	25.0
Charles City Co.				1		1	8.2	0.0	10.6
Chesterfield	3	2	1	27	19	8	12.4	9.8	34.5
Goochland				2	1	1	13.5	11.3	15.9
Hanover				10	6	4	15.4	11.5	31.5
Henrico	22	15	7	29	19	10	12.2	10.4	18.5
New Kent							0.0	0.0	0.0
Powhatan							0.0	0.0	0.0
Richmond City	207	94	113	75	17	58	21.9	13.4	26.8
District 16	11	7	4	34	26	8	19.0	17.9	24.0
Caroline	1		1	6	4	2	21.2	22.9	18.5
King George				4	2	2	23.5	16.9	38.5
Spotsylvania	3	2	1	12	10	2	21.7	20.9	26.3
Stafford				6	6		10.3	11.3	0.0
Fredericksburg	7	5	2	6	4	2	30.3	26.0	45.5
District 17	3	2	1	14	7	7	27.0	25.5	28.8
Lancaster	3	2	1	4	3	1	35.1	48.4	19.2
Northumberland				4	3	1	34.5	47.6	18.9
Richmond				2	1	1	21.7	14.7	41.7
Westmoreland				4		4	20.4	0.0	35.1
District 18	2	1	1	15	9	6	18.9	15.9	26.2
Essex				1	1		9.0	16.9	0.0
Gloucester	1	1		7	6	1	24.1	24.7	21.3
King and Queen	1		1	2		2	24.1	0.0	60.6
King William				2		2	14.8	0.0	43.5
Mathews				1	1		11.6	16.4	0.0
Middlesex				2	1	1	22.5	15.9	38.5
District 19	21	4	17	37	13	24	14.9	10.1	20.1
Dinwiddie				4	2	2	15.1	13.2	17.5
Greensville				3	1	2	17.1	16.1	17.7
Prince George				2	1	1	4.7	3.6	6.8
Surry				1	1		11.5	32.3	0.0
Sussex	1		1	4	1	3	25.6	19.2	28.8
Colonial Heights				2	2		11.0	11.8	0.0
Emporia	5		5	2		2	27.8	0.0	47.6
Hopewell	2	2		3	3		7.1	9.5	0.0
Petersburg	13	2	11	16	2	14	22.9	10.0	28.1
District 20	265	152	113	212	119	93	14.4	12.9	16.9
Isle of Wight	3	1	2	6	1	5	18.8	5.4	36.8
Southampton				6	4	2	24.8	33.1	16.5
Chesapeake	3		3	25	11	14	12.6	8.6	19.6
Franklin City	1	1		3	2	1	22.1	35.7	12.5
Norfolk	172	99	73	76	44	32	15.1	15.9	14.2
Portsmouth	64	36	28	33	10	23	17.5	11.7	22.3
Suffolk	10	5	5	13	6	7	17.5	19.0	16.4
Virginia Beach	12	10	2	50	41	9	11.3	11.1	12.2
District 21	64	26	38	106	52	54	19.2	14.8	26.8
James City Co.				6	2	4	23.7	11.7	48.8
York				7	5	2	26.5	24.6	32.8
Hampton	22	6	16	38	17	21	18.5	13.0	28.2
Newport News	39	19	20	50	24	26	18.5	14.6	24.4
Poquoson				1	1		8.8	9.0	0.0
Williamsburg	3	1	2	4	3	1	28.0	37.0	16.1
District 22	3	1	2	6	2	4	8.8	6.8	10.4
Accomack	1		1	5	1	4	11.3	4.9	16.9
Northampton	2	1	1	1	1		4.2	11.4	0.0

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	675	421	254	453	308	145	14.3	12.5	19.4
District 1	21	20	1	5	5		16.8	16.4	41.7
Lee	4	4					10.8	10.9	
Scott	3	3					10.3	10.5	0.0
Wise	13	12	1	5	5		21.9	21.1	58.8
Norton	1	1					14.5	15.2	0.0
District 2	23	23		12	12		16.9	17.1	0.0
Buchanan	6	6		6	6		19.3	19.4	0.0
Dickenson	2	2		2	2		13.2	13.2	
Russell	2	2		2	2		9.3	9.4	0.0
Tazewell	13	13		2	2		21.0	21.6	0.0
District 3	16	16		14	14		14.0	14.4	0.0
Bland	2	2					23.8	23.8	
Carroll	2	2		2	2		14.8	14.8	
Grayson				2	2		11.4	12.1	0.0
Smyth	3	3		2	2		11.7	11.9	0.0
Washington	4	4		3	3		12.4	12.6	0.0
Wythe	1	1		2	2		9.3	9.8	0.0
Bristol	4	4		1	1		22.5	24.6	0.0
Galax				2	2		25.0	27.0	0.0
District 4	10	10		17	17		17.4	18.2	0.0
Floyd				2	2		13.9	14.4	0.0
Giles	1	1		2	2		15.5	15.9	0.0
Montgomery	5	5		6	6		16.6	17.3	0.0
Pulaski	3	3		6	6		20.2	21.5	0.0
Radford	1	1		1	1		17.9	19.6	0.0
District 5	23	15	8	19	15	4	13.0	10.8	25.3
Alleghany				2	1	1	10.2	5.2	250.0
Botetourt	1	1		1	1		7.7	7.9	0.0
Craig	1	1					20.0	20.0	
Roanoke	6	6		8	8		16.7	17.2	0.0
Clifton Forge							0.0	0.0	0.0
Covington	1		1	1	1		15.7	9.3	52.6
Roanoke City	11	4	7	6	3	3	11.9	6.8	24.9
Salem	3	3		1	1		14.0	14.7	0.0
District 6	21	20	1	14	14		12.6	12.8	7.2
Augusta	1	1		2	2		4.1	4.3	0.0
Bath	1	1					14.1	14.9	0.0
Highland							0.0	0.0	0.0
Rockbridge	2	2		2	2		16.5	16.9	0.0
Rockingham	6	6		1	1		7.9	8.1	0.0
Buena Vista	1	1					13.9	14.5	0.0
Harrisonburg	2	2		3	3		24.9	26.7	0.0
Lexington	1	1					19.6	22.7	0.0
Staunton	4	3	1	3	3		25.4	24.9	28.6
Waynesboro	3	3		3	3		26.4	29.9	0.0
District 7	13	13		10	10		12.1	12.7	0.0
Clarke	3	3					22.7	25.2	0.0
Frederick	1	1		4	4		9.3	9.5	0.0
Page				1	1		3.4	3.5	0.0
Shenandoah	1	1		4	4		13.5	13.7	0.0
Warren	4	4					15.7	14.5	0.0
Winchester	4	4		1	1		18.0	20.7	0.0
District 8	93	71	22	68	61	7	9.8	9.7	10.4
Arlington	7	7		3	2	1	5.1	6.0	2.2
Fairfax	49	40	9	44	43	1	11.1	11.6	8.0
Loudoun	5	2	3	1	1		6.7	3.8	28.8
Prince William	13	10	3	12	11	1	8.6	8.2	12.3
Alexandria	10	4	6	4	1	3	9.7	5.8	15.6
Fairfax City	2	2					6.8	7.5	0.0
Falls Church	1	1					9.3	10.2	0.0
Manassas	6	5	1	2	1	1	22.1	18.3	58.8
Manassas Park				2	2		16.4	18.0	0.0
District 9	4	1	3	12	11	1	11.7	11.0	14.2
Culpeper				5	4	1	14.8	16.1	11.4
Fauquier	2	1	1	3	3		9.5	8.9	13.0
Madison							0.0	0.0	0.0
Orange	2		2	3	3		16.4	13.3	25.3
Rappahannock				1	1		14.7	17.9	0.0
District 10	16	13	3	15	11	4	15.3	15.7	13.9
Albemarle	6	6		6	4	2	16.0	16.0	15.9
Fluvanna				1	1		6.2	9.4	0.0
Greene				1	1		7.0	7.6	0.0
Louisa	1	1		1	1		8.0	12.4	0.0
Nelson	2	2					10.7	14.5	0.0
Charlottesville	7	4	3	6	4	2	24.2	22.0	28.6
District 11	16	9	7	16	11	5	12.4	10.5	18.0
Amherst	1	1		3	2	1	10.5	10.3	11.2
Appomattox	2	1	1	1	1		20.8	18.2	29.4
Bedford	3		3	2	1	1	10.4	2.5	55.6
Campbell	3	3		3	3		9.1	11.6	0.0
Bedford City	1		1	2	1	1	42.9	20.4	95.2
Lynchburg	6	4	2	5	3	2	13.0	13.1	12.9

(continued)

TABLE 36 - PERINATAL MORTALITY RATE WITH INFANT DEATHS UNDER ONE WEEK AND FETAL DEATHS 28 WEEKS AND OVER GESTATION, BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980 (continued)

Planning District/ City or County	Infant Deaths Under One Week			Fetal Deaths 28 Weeks and Over			Perinatal Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	675	421	254	453	308	145	14.3	12.5	19.4
District 12	30	22	8	24	11	13	17.8	16.0	21.6
Franklin	5	5		3	3		18.9	22.7	0.0
Henry	3	2	1	4	1	3	9.4	5.6	19.3
Patrick	3	3		1	1		21.1	23.0	0.0
Pittsylvania	11	8	3	8	3	5	22.1	20.6	24.6
Danville	7	4	3	8	3	5	23.9	20.1	28.7
Martinsville	1		1				5.4	0.0	13.3
District 13	11	4	7	3	2	1	12.6	11.5	13.7
Brunswick	5	1	4				21.9	11.8	28.0
Halifax	3	2	1	2	1	1	11.9	13.6	10.0
Mecklenburg	3	1	2	1	1		10.5	11.0	10.0
South Boston							0.0	0.0	0.0
District 14	15	4	11	8	2	6	20.0	10.2	30.5
Amelia	3	1	2				26.5	13.0	55.6
Buckingham							0.0	0.0	0.0
Charlotte	5	2	3				27.6	23.8	30.9
Cumberland							0.0	0.0	0.0
Lunenburg	2		2	2		2	27.0	0.0	46.5
Nottoway	2	1	1	2		2	19.0	8.3	33.7
Prince Edward	3		3	4	2	2	30.4	17.5	43.1
District 15	103	42	61	53	31	22	16.9	12.3	25.2
Charles City Co.	1		1	3		3	32.0	0.0	41.2
Chesterfield	14	9	5	13	11	2	12.3	10.2	29.9
Goochland	1		1				6.8	0.0	15.9
Hanover	7	4	3	4	4		16.8	15.2	23.6
Henrico	24	15	9	15	12	3	16.4	14.7	22.1
New Kent							0.0	0.0	0.0
Powhatan				1	1		6.6	7.8	0.0
Richmond City	56	14	42	17	3	14	21.2	13.4	25.7
District 16	22	18	4	14	8	6	20.0	17.8	29.5
Caroline	5	4	1	3	2	1	28.0	33.9	18.3
King George	1	1					5.9	8.5	0.0
Spotsylvania	7	6	1	4	1	3	19.7	14.6	50.6
Stafford	4	4		4	3	1	13.6	13.1	18.5
Fredericksburg	5	3	2	3	2	1	39.8	32.1	66.7
District 17	11	5	6	5	2	3	30.6	25.3	36.6
Lancaster	2	1	1				17.5	16.1	19.2
Northumberland	4	3	1				34.5	47.6	18.9
Richmond	1	1					10.9	14.7	0.0
Westmoreland	4		4	5	2	3	44.8	23.8	59.8
District 18	11	7	4	3	1	2	17.6	14.1	26.0
Essex	1	1		2	1	1	26.5	33.3	18.9
Gloucester	5	4	1				17.2	16.5	21.3
King and Queen	1		1				12.0	0.0	30.3
King William	1		1	1		1	14.7	0.0	42.6
Mathews	1	1					11.6	16.4	0.0
Middlesex	2	1	1				22.5	15.9	38.5
District 19	20	7	13	19	6	13	15.6	10.1	21.6
Dinwiddie	2		2				7.5	0.0	17.5
Greensville	2	1	1	1	1		17.0	31.7	8.8
Prince George				3	1	2	7.0	3.6	13.4
Surry	1	1					11.5	32.3	0.0
Sussex	3	1	2	2		2	31.6	19.2	37.7
Colonial Heights				1	1		5.5	5.9	0.0
Emporia				4		4	52.6	0.0	87.0
Hopewell	2	2		2	2		9.5	12.6	0.0
Petersburg	10	2	8	6	1	5	22.7	14.9	25.8
District 20	124	70	54	79	48	31	13.7	12.7	15.4
Isle of Wight	2		2	1		1	9.3	0.0	21.9
Southampton	3	2	1	2		2	20.5	16.5	24.4
Chesapeake	17	7	10	7	4	3	12.0	8.6	18.1
Franklin City	2	2					14.7	35.7	0.0
Norfolk	47	27	20	26	16	10	14.5	15.5	13.2
Portsmouth	22	8	14	9	2	7	16.4	11.7	20.2
Suffolk	6	2	4	8	4	4	18.7	18.8	18.6
Virginia Beach	25	22	3	26	22	4	11.5	11.9	9.4
District 21	71	31	40	34	13	21	18.9	12.5	29.9
James City Co.	4	1	3	2	1	1	23.5	11.6	48.2
York	5	4	1	4	2	2	33.6	29.3	47.6
Hampton	26	9	17	17	6	11	20.7	11.4	37.0
Newport News	33	15	18	10	3	7	15.8	11.0	23.3
Poquoson				1	1		8.7	8.9	0.0
Williamsburg	3	2	1				21.0	24.7	16.1
District 22	1		1	9	3	6	14.5	10.1	17.9
Accomack	1		1	6	2	4	15.7	9.7	20.8
Northampton				3	1	2	12.4	11.2	13.2

$$\text{Perinatal rate} = \frac{\text{Infant Deaths Under One Week + Fetal Deaths 28 Weeks and Over}}{\text{Live Births + Fetal Deaths 28 Weeks and Over}} \times 1{,}000$$

TABLE 37
RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS
VIRGINIA, 1980

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	1,075	423	263	194	195	1,370.8	1,417.5	932.5	1,893.8	1,924.6
Certain intestinal infections (008-009)						0.0	0.0	0.0	0.0	0.0
Whooping cough (033)						0.0	0.0	0.0	0.0	0.0
Meningococcal infections (036)	2	2				2.6	6.7	0.0	0.0	0.0
Septicemia (038)	8	3	1	2	2	10.2	10.1	3.5	19.5	19.7
Viral diseases (045-079)						0.0	0.0	0.0	0.0	0.0
Congenital syphilis (090)						0.0	0.0	0.0	0.0	0.0
Other infectious and parasitic diseases (Residual of 001-139)	1		1			1.3	0.0	3.5	0.0	0.0
Malignant neoplasms (140-208)	1	1				1.3	3.4	0.0	0.0	0.0
Benign neoplasms and neoplasms of unspecified nature (210-239)	1		1			1.3	0.0	3.5	0.0	0.0
Diseases of thymus gland (254)						0.0	0.0	0.0	0.0	0.0
Cystic fibrosis (277.0)						0.0	0.0	0.0	0.0	0.0
Diseases of blood and blood-forming organs (280-289)	2		1		1	2.6	0.0	3.5	0.0	9.9
Meningitis (320-322)	11	3	4	1	3	14.0	10.1	14.2	9.8	29.6
Other diseases of nervous system and sense organs (323-389)	11	4	5	1	1	14.0	13.4	17.7	9.8	9.9
Acute upper respiratory infections (460-465)						0.0	0.0	0.0	0.0	0.0
Bronchitis and bronchiolitis (466,490-491)	9	1	3	3	2	11.5	3.4	10.6	29.3	19.7
Pneumonia and Influenza (480-487)	14	5	4	1	4	17.9	16.8	14.2	9.8	39.5
Pneumonia (480-486)	12	5	4		3	15.3	16.8	14.2	0.0	29.6
Influenza (487)	2			1	1	2.6	0.0	0.0	9.8	9.9
Other diseases of respiratory system (470-478,492-519)	12	4	3	1	4	15.3	13.4	10.6	9.8	39.5
Hernia and intestinal obstruction (550-553,560)	8	4	2		2	10.2	13.4	7.1	0.0	19.7
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3			3		3.8	0.0	0.0	29.3	0.0
Other diseases of digestive system (520-534,536-543,562-579)	2	2				2.6	6.7	0.0	0.0	0.0
Congenital Anomalies (740-759)	227	108	68	31	20	289.5	361.9	241.1	302.6	197.4
Anencephalus (740)	14	10	3	1		17.9	33.5	10.6	9.8	0.0
Spina bifida (741)	9	3	4	2		11.5	10.1	14.2	19.5	0.0
Congenital hydrocephalus (742.3)	7	4	1	2		8.9	13.4	3.5	19.5	0.0
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8	2		4	2	10.2	6.7	0.0	39.0	19.7
Anomalies of heart (745-746)	73	40	21	5	7	93.1	134.0	74.5	48.8	69.1
Other anomalies of circulatory system (747)	27	8	8	8	3	34.4	26.8	28.4	78.1	29.6
Anomalies of respiratory system (748)	25	13	3	5	4	31.9	43.6	10.6	48.8	39.5
Anomalies of digestive system (749-751)	9	4	5			11.5	13.4	17.7	0.0	0.0
Anomalies of genitourinary system (752-753)	10	7	2	1		12.8	23.5	7.1	9.8	0.0
Anomalies of musculoskeletal system (754-756)	13	5	5		3	16.6	16.8	17.7	0.0	29.6
Down's syndrome (758.0)	1		1			1.3	0.0	3.5	0.0	0.0
Other chromosomal anomalies (758.1-758.9)	9	4	5			11.5	13.4	17.7	0.0	0.0
Other and unspecified anomalies (744,757,759)	22	8	10	3	1	28.1	26.8	35.5	29.3	9.9

(continued)

TABLE 37

RESIDENT INFANT DEATHS BY RACE AND SEX BY CAUSE OF DEATH WITH RATES PER 100,000 LIVE BIRTHS

VIRGINIA, 1980 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Infant Deaths					Rates				
	Total	White Male	White Female	Nonwh Male	Nonwh Female	Total	White Male	White Female	Nonwh Male	Nonwh Female
STATE OF VIRGINIA	1,075	423	263	194	195	1,370.8	1,417.5	932.5	1,893.8	1,924.6
Certain Conditions Originating in the Perinatal Period (760-779)	591	215	133	119	124	753.6	720.5	471.5	1,161.7	1,223.8
Maternal conditions unrelated to present pregnancy (760)						0.0	0.0	0.0	0.0	0.0
Maternal complications of pregnancy (761)	34	10	5	7	12	43.4	33.5	17.7	68.3	118.4
Complications of placenta, cord, and membranes (762)	15	6	4	3	2	19.1	20.1	14.2	29.3	19.7
Other complications of labor and delivery (763)	2		1	1		2.6	0.0	3.5	9.8	0.0
Slow fetal growth and fetal malnutrition (764)	5	4			1	6.4	13.4	0.0	0.0	9.9
Disorders relating to short gestation and low birthweight (765)	128	37	24	39	28	163.2	124.0	85.1	380.7	276.4
Disorders relating to long gestation and high birthweight (766)						0.0	0.0	0.0	0.0	0.0
Birth trauma (767)	31	10	10	5	6	39.5	33.5	35.5	48.8	59.2
Intrauterine Hypoxia and Birth Asphyxia (768)	37	15	10	6	6	47.2	50.3	35.5	58.6	59.2
Fetal distress in liveborn infant (768.2-768.4)	4	2	2			5.1	6.7	7.1	0.0	0.0
Birth asphyxia (768.5-768.9)	33	13	8	6	6	42.1	43.6	28.4	58.6	59.2
Respiratory distress syndrome (769)	92	33	28	15	16	117.3	110.6	99.3	146.4	157.9
Other respiratory conditions (770)	119	56	22	22	19	151.7	187.7	78.0	214.8	187.5
Infections specific to perinatal period (771)	20	12	2	2	4	25.5	40.2	7.1	19.5	39.5
Neonatal hemorrhage (772)	28	9	6	3	10	35.7	30.2	21.3	29.3	98.7
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1	1				1.3	3.4	0.0	0.0	0.0
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)						0.0	0.0	0.0	0.0	0.0
Hemorrhagic disease (776.0)	1	1				1.3	3.4	0.0	0.0	0.0
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	78	21	21	16	20	99.5	70.4	74.5	156.2	197.4
Symptoms and Ill-defined Conditions (780-799)	100	42	20	21	17	127.5	140.7	70.9	205.0	167.8
Sudden infant death syndrome (798.0)	97	41	19	21	16	123.7	137.4	67.4	205.0	157.9
Symptoms and all ill defined conditions (780-797,798.1-799)	3	1	1		1	3.8	3.4	3.5	0.0	9.9
Accidents (E800-E949)	31	14	7	5	5	39.5	46.9	24.8	48.8	49.3
Motor vehicle (E810-E825)	4	3	1			5.1	10.1	3.5	0.0	0.0
Inhalation or ingestion of food or object (E911-E912)	8	2	2	2	2	10.2	6.7	7.1	19.5	19.7
Mechanical suffocation (E913)	4	2	1		1	5.1	6.7	3.5	0.0	9.9
Other accidents (Residual of E800-E949)	15	7	3	3	2	19.1	23.5	10.6	29.3	19.7
Homicide (E960-E969)	6	2	1	1	2	7.7	6.7	3.5	9.8	19.7
Child battering and other maltreatment (E967)	1				1	1.3	0.0	0.0	0.0	9.9
Other homicide (E960-E966,E968-E969)	5	2	1	1	1	6.4	6.7	3.5	9.8	9.9
All other causes	35	13	9	5	8	44.6	43.6	31.9	48.8	79.0

TABLE 38
RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH
VIRGINIA, 1980

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	1,075	463	212	58	25	21	779	72	51	91	49	33
Certain intestinal infections (008-009)												
Whooping cough (0[illegible])												
Meningococcal infections (036)	2									2		
Septicemia (038)	8	1				1	2	2	2	2		
Viral diseases (045-079)												
Congenital syphilis (090)												
Other infectious and parasitic diseases (Residual of 001-139)	1									1		
Malignant neoplasms (140-208)	1										1	
Benign neoplasms and neoplasms of unspecified nature (210-239)	1								1			
Diseases of thymus gland (254)												
Cystic fibrosis (277.0)												
Diseases of blood and blood-forming organs (280-289)	2			1			1	1				
Meningitis (320-322)	11		2	1	1	1	5	2		3	1	
Other diseases of nervous system and sense organs (323-389)	11				1		1	2	2	1	2	3
Acute upper respiratory infections (460-465)												
Bronchitis and bronchiolitis (466,490-491)	9							1	1	5	1	1
Pneumonia and Influenza (480-487)	14	1	1				2	5	1	4	1	1
Pneumonia (480-485)	12	1	1				2	4	1	3	1	1
Influenza (487)	2							1		1		
Other diseases of respiratory system (470-478,492-519)	12		1				1	1	4	2	2	2
Hernia and intestinal obstruction (550-553,560)	8	2	1				3	1	1	2		1
Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)	3							1		1		1
Other diseases of digestive system (520-534,536-543,562-579)	2				1		1			1		
Congenital Anomalies (740-759)	227	80	50	13	10	10	163	10	8	21	15	10
Anencephalus (740)	14	10	2	2			14					
Spina bifida (741)	9	2	1		1	2	6	2				1
Congenital hydrocephalus (742.3)	7	2	2			1	5		1		1	
Other anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)	8	1			2	1	4			1	2	1
Anomalies of heart (745-746)	73	5	17	7	3	4	36	5	7	13	7	5
Other anomalies of circulatory system (747)	27	2	16	2	2	1	23	1		1	2	
Anomalies of respiratory system (748)	25	18	5				23	1		1		
Anomalies of digestive system (749-751)	9	3		1	2		6				1	2
Anomalies of genitourinary system (752-753)	10	10					10					
Anomalies of musculoskeletal system (754-756)	13	8	2			1	11	1		1		
Down's syndrome (758.0)	1											1
Other chromosomal anomalies (758.1-758.9)	9	2	3				5			3	1	
Other and unspecified anomalies (744,757.759)	22	17	2	1			20			1	1	

(continued)

TABLE 38

RESIDENT INFANT DEATHS BY AGE AND CAUSE OF DEATH

VIRGINIA, 1980 (continued)

CAUSE OF DEATH (Numbers refer to International Classification of Diseases, 9th Revision)	Total Under 1 Year	Under 1 Day	1-6 Days	7-13 Days	14-20 Days	21-27 Days	Total Under 28 Days	1 Mo.	2 Mos.	3-5 Mos.	6-8 Mos.	9-11 Mos.
STATE OF VIRGINIA	1,075	463	212	58	25	21	779	72	51	91	49	33
Certain Conditions Originating In the Perinatal Period (760-779)	591	373	148	39	11	6	577	4	1	6	2	1
Maternal conditions unrelated to present pregnancy (760)												
Maternal complications of pregnancy (761)	34	34					34					
Complications of placenta, cord, and membranes (762)	15	13	1	1			15					
Other complications of labor and delivery (763)	2	1		1			2					
Slow fetal growth and fetal malnutrition (764)	5	4			1		5					
Disorders relating to short gestation and low birthweight (765)	128	116	10	1	1		128					
Disorders relating to long gestation and high birthweight (766)												
Birth trauma (767)	31	5	20	4	2		31					
Intrauterine Hypoxia and Birth Asphyxia (768)	37	22	14	1			37					
Fetal distress in liveborn infant (768.2-768.4)	4	4					4					
Birth asphyxia (768.5-768.9)	33	18	14	1			33					
Respiratory distress syndrome (769)	92	34	42	11	1	1	89	1		2		
Other respiratory conditions (770)	119	82	17	6	1	3	109	2	1	4	2	1
Infections specific to perinatal period (771)	20	6	7	4	2	1	20					
Neonatal hemorrhage (772)	28	4	21	2	1		28					
Hemolytic disease due to isoimmunization and other perinatal jaundice (773-774)	1	1					1					
Syndrome of "infant of diabetic mother" and neonatal diabetes mellitus (775.0-775.1)												
Hemorrhagic disease (776.0)	1		1				1					
Other conditions originating in perinatal period (775.2-775.9,776.1-779)	78	51	15	8	2	1	77	1				
Symptoms and Ill-defined Conditions (780-799)	100	2		1	1	2	6	31	25	27	9	2
Sudden infant death syndrome (798.0)	97	1		1	1	2	5	31	25	26	8	2
Symptoms and all ill-defined conditions (780-797,798.1-799)	3	1					1			1	1	
Accidents (E800-E949)	31							3	3	8	10	7
Motor vehicle (E810-E825)	4									1	1	2
Inhalation or ingestion of food or object (E911-E912)	8							1	1	2	3	1
Mechanical suffocation (E913)	4							1		1	2	
Other accidents (Residual of E800-E949)	15							1	2	4	4	4
Homicide (E960-E969)	6	1	1	1			3		1	1	1	
Child battering and other maltreatment (E967)	1			1			1					
Other homicide (E960-E966,E968-E969)	5	1	1				2		1	1	1	
All other causes	35	3	8	2		1	14	8	1	4	4	4

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	41,855	32,198	9,657	42,496	32,865	9,631	7.9	7.8	8.6
District 1	724	708	16	1,010	988	22	10.1	10.1	13.3
Lee	182	179	3	278	276	2	10.7	10.7	13.2
Scott	58	58		242	240	2	9.7	9.6	11.0
Wise	296	290	6	433	420	13	9.9	9.8	12.7
Norton	168	181	7	57	52	5	12.0	11.6	17.4
District 2	865	852	13	1,167	1,144	23	8.3	8.3	10.7
Buchanan	214	214		263	263		6.9	7.0	0.0
Dickenson	73	73		179	178	1	9.0	9.0	7.5
Russell	148	147	1	263	261	2	8.3	8.3	5.7
Tazewell	430	418	12	462	442	20	9.1	9.0	13.1
District 3	1,549	1,501	48	1,790	1,734	56	9.9	9.9	10.9
Bland	14	14		55	54	1	8.7	8.8	4.6
Carroll	73	73		240	239	1	8.8	8.8	6.9
Grayson	44	44		160	157	3	9.7	9.8	5.2
Smyth	352	344	8	325	321	4	9.7	9.8	5.7
Washington	419	402	17	420	404	16	9.0	8.9	17.2
Wythe	241	228	13	278	266	12	10.9	10.8	12.2
Bristol	191	184	7	241	225	16	12.7	12.6	12.9
Galax	215	212	3	71	68	3	10.9	11.0	9.2
District 4	848	797	51	1,024	955	69	7.2	7.1	10.2
Floyd	46	44	2	101	97	4	8.7	8.7	9.7
Giles	123	119	4	178	170	8	10.0	9.8	19.5
Montgomery	262	251	11	309	294	15	4.9	4.9	5.0
Pulaski	227	212	15	331	301	30	9.4	9.1	14.9
Radford	190	171	19	105	93	12	7.9	7.6	12.3
District 5	3,162	2,753	409	2,536	2,195	341	10.0	9.8	11.5
Alleghany	297	273	24	121	119	2	8.4	8.5	4.9
Botetourt	70	60	10	184	171	13	7.9	7.7	11.0
Craig	8	8		36	35	1	9.1	8.9	100.0
Roanoke	269	256	13	530	513	17	7.3	7.2	8.2
Clifton Forge	51	43	8	86	73	13	17.0	17.3	15.8
Covington	33	21	12	122	105	17	13.5	13.4	13.7
Roanoke City	1,581	1,332	249	1,227	966	261	12.2	12.4	11.5
Salem	853	760	93	230	213	17	9.6	9.4	14.3
District 6	1,823	1,724	99	1,857	1,750	107	8.9	8.9	10.0
Augusta	196	177	19	464	444	20	8.6	8.6	9.9
Bath	41	35	6	70	57	13	11.9	10.8	22.6
Highland	13	13		23	23		7.8	7.9	0.0
Rockbridge	61	58	3	184	179	5	10.3	10.4	8.1
Rockingham	140	136	4	430	421	9	7.5	7.5	8.5
Buena Vista	17	17		58	57	1	8.6	8.9	3.6
Harrisonburg	539	523	16	138	131	7	7.0	7.0	6.7
Lexington	141	127	14	70	55	15	9.6	8.7	15.5
Staunton	417	388	29	256	226	30	11.7	11.7	11.7
Waynesboro	258	250	8	164	157	7	10.7	11.2	5.1
District 7	1,286	1,219	67	1,300	1,248	52	9.8	9.9	8.6
Clarke	55	51	4	105	92	13	10.5	10.5	11.0
Frederick	27	26	1	208	206	2	6.1	6.1	3.4
Page	160	155	5	226	221	5	11.6	11.7	8.8
Shenandoah	224	223	1	313	311	2	11.4	11.5	4.4
Warren	174	162	12	198	184	14	9.3	9.3	10.7
Winchester	646	602	44	250	234	16	12.4	12.8	8.2
District 8	5,210	4,679	531	5,527	4,995	532	5.0	5.2	3.6
Arlington	1,285	1,151	134	1,159	1,059	100	7.6	8.4	3.8
Fairfax	1,943	1,810	133	2,409	2,253	156	4.0	4.3	2.3
Loudoun	290	256	34	322	278	44	5.6	5.4	7.5
Prince William	244	221	23	495	444	51	3.4	3.4	3.2
Alexandria	919	752	167	830	659	171	8.0	8.8	6.0
Fairfax City	244	238	6	115	112	3	5.9	6.2	2.3
Falls Church	15	15		86	85	1	9.0	9.6	1.5
Manassas	269	235	34	83	77	6	5.4	5.6	3.5
Manassas Park	1	1		28	28		4.3	4.5	0.0
District 9	570	430	140	835	619	216	9.0	8.1	13.2
Culpeper	158	122	36	184	136	48	8.1	7.6	10.0
Fauquier	218	161	57	288	208	80	8.0	6.9	13.6
Madison	51	40	11	104	81	23	10.2	9.7	12.3
Orange	133	99	34	221	165	56	12.4	11.2	17.7
Rappahannock	10	8	2	38	29	9	6.2	5.4	12.8
District 10	1,524	1,191	333	1,187	916	271	8.3	7.9	10.0
Albemarle	914	693	221	349	283	66	6.9	6.4	10.7
Fluvanna	37	17	20	87	54	33	8.5	7.5	10.9
Greene	17	15	2	56	45	11	7.3	6.4	18.3
Louisa	52	35	17	162	115	47	9.1	9.6	8.0
Nelson	58	45	13	133	106	27	10.9	11.4	9.2
Charlottesville	446	386	60	400	313	87	8.9	8.6	10.3
District 11	1,757	1,369	388	1,722	1,344	378	8.9	8.6	10.0
Amherst	119	99	20	238	177	61	8.2	7.7	9.8
Appomattox	44	30	14	104	75	29	8.7	8.2	10.3
Bedford	91	79	12	275	237	38	7.9	7.7	9.4
Campbell	94	85	9	321	263	58	7.1	6.9	8.2
Bedford City	193	164	29	109	92	17	18.2	19.1	14.4
Lynchburg	1,216	912	304	675	500	175	10.1	9.9	10.7

(continued)

TABLE 39 - DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE WITH RESIDENT RATE PER 1,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980 (continued)

Planning District/ City or County	PLACE OF OCCURRENCE			PLACE OF RESIDENCE					
				Number			Rate		
	Total	White	Nonwhite	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	41,855	32,198	9,657	42,496	32,865	9,631	7.9	7.8	8.6
District 12	1,996	1,507	489	2,243	1,726	517	9.3	9.5	8.8
Franklin	205	164	41	292	247	45	8.2	7.9	10.3
Henry	84	67	17	425	329	96	7.4	7.5	7.1
Patrick	109	91	18	163	142	21	9.3	8.8	14.9
Pittsylvania	179	120	59	584	427	157	8.8	9.3	7.8
Danville	929	682	247	562	424	138	12.3	13.3	10.0
Martinsville	490	383	107	217	157	60	12.0	12.7	10.3
District 13	748	448	300	865	496	369	10.5	10.6	10.3
Brunswick	60	26	34	176	79	97	11.3	11.9	10.8
Halifax	64	39	25	317	197	120	10.4	10.8	9.8
Mecklenburg	297	180	117	288	174	114	9.8	9.9	9.6
South Boston	327	203	124	84	46	38	11.8	10.3	14.5
District 14	551	310	241	936	537	399	11.2	10.7	12.0
Amelia	27	14	13	90	47	43	10.7	9.1	13.2
Buckingham	52	30	22	127	86	41	10.8	12.7	8.2
Charlotte	53	29	24	150	92	58	12.2	12.2	12.2
Cumberland	27	11	16	78	38	40	9.9	8.5	11.7
Lunenburg	50	25	25	137	73	64	11.3	10.0	13.3
Nottoway	84	38	46	195	113	82	13.3	12.7	14.2
Prince Edward	258	163	95	159	88	71	9.7	8.6	11.3
District 15	6,434	4,440	1,994	5,525	3,860	1,665	8.7	8.6	9.2
Charles City Co.	16	10	6	47	13	34	7.0	9.3	6.4
Chesterfield	296	242	54	635	556	79	4.5	4.4	5.1
Goochland	35	22	13	95	59	36	8.1	7.9	8.4
Hanover	151	118	33	398	322	76	7.9	7.4	11.2
Henrico	1,685	1,452	233	1,483	1,336	147	8.2	8.8	5.0
New Kent	21	12	9	57	39	18	6.5	6.1	7.5
Powhatan	21	12	9	71	41	30	5.4	4.2	8.9
Richmond City	4,209	2,572	1,637	2,739	1,494	1,245	12.5	14.3	10.9
District 16	708	577	131	792	627	165	6.7	6.5	7.3
Caroline	52	26	26	145	81	64	8.1	8.2	8.0
King George	27	25	2	85	62	23	8.1	7.7	9.2
Spotsylvania	89	76	13	191	164	27	5.5	5.7	5.0
Stafford	85	72	13	202	179	23	5.0	4.8	6.9
Fredericksburg	455	378	77	169	141	28	11.0	11.7	8.7
District 17	328	236	92	557	382	175	13.6	14.4	12.2
Lancaster	212	160	52	164	115	49	16.2	17.1	14.5
Northumberland	53	36	17	148	95	53	15.1	14.6	16.0
Richmond	18	10	8	84	60	24	12.1	12.7	10.8
Westmoreland	45	30	15	161	112	49	11.5	13.0	9.1
District 18	483	333	150	650	454	196	10.8	10.5	11.7
Essex	161	104	57	100	73	27	11.3	14.0	7.4
Gloucester	171	128	43	168	131	37	8.4	7.8	11.5
King and Queen	19	11	8	63	29	34	10.6	9.2	12.1
King William	27	19	8	90	59	31	9.6	9.9	9.2
Mathews	41	31	10	106	77	29	13.3	11.8	20.1
Middlesex	64	40	24	123	85	38	15.9	15.6	16.8
District 19	1,439	825	614	1,445	823	622	8.9	8.8	9.1
Dinwiddie	194	109	85	191	113	78	8.5	8.8	8.0
Greensville	41	20	21	118	58	60	10.8	12.3	9.7
Prince George	55	37	18	105	69	36	4.1	4.1	4.1
Surry	29	17	12	62	35	27	10.3	15.5	7.1
Sussex	25	11	14	124	45	79	11.4	10.6	11.9
Colonial Heights	42	35	7	124	123	1	7.5	7.6	2.9
Emporia	191	88	103	69	43	26	14.3	15.0	13.2
Hopewell	209	171	38	192	158	34	8.2	8.6	6.8
Petersburg	653	337	316	460	179	281	11.2	11.6	11.0
District 20	6,633	4,235	2,398	6,438	4,092	2,346	7.6	7.1	8.8
Isle of Wight	50	27	23	189	108	81	8.7	8.5	9.1
Southampton	31	13	18	162	85	77	8.6	8.8	8.5
Chesapeake	493	362	131	815	559	256	7.1	6.9	7.7
Franklin City	153	88	65	76	31	45	10.4	9.6	11.1
Norfolk	3,092	1,871	1,221	2,420	1,414	1,006	9.1	8.7	9.6
Portsmouth	1,415	866	549	1,040	592	448	9.9	10.5	9.3
Suffolk	495	251	244	551	284	267	11.6	11.5	11.7
Virginia Beach	904	757	147	1,185	1,019	166	4.5	4.5	4.7
District 21	2,715	1,748	967	2,471	1,587	884	7.2	6.7	8.2
James City Co.	154	98	56	150	101	49	6.6	6.3	7.3
York	36	29	7	154	108	46	4.3	3.8	6.7
Hampton	895	524	371	820	533	287	6.7	6.8	6.5
Newport News	1,408	942	466	1,180	700	480	8.1	7.3	9.8
Poquoson	8	8		62	62		7.1	7.2	0.0
Williamsburg	214	147	67	105	83	22	10.6	9.6	17.7
District 22	502	316	186	619	393	226	13.5	14.5	12.0
Accomack	205	137	68	447	306	141	14.3	15.5	12.2
Northampton	297	179	118	172	87	85	11.8	12.0	11.6

TABLE 40
RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1971-1980

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
	TUBERCULOSIS, ALL FORMS (010-019) 010-018					
1971	108	2.3	53	1.4	55	6.2
1972	94	2.0	43	1.1	51	5.7
1973	87	1.8	45	1.1	42	4.7
1974	92	1.9	45	1.1	47	5.3
1975	81	1.6	33	0.8	48	5.3
1976	77	1.5	30	0.7	47	5.0
1977	71	1.4	35	0.8	36	3.8
1978	60	1.2	30	0.7	30	3.0
1979	44	0.8	18	0.4	26	2.3
1980	48	0.9	20	0.5	28	2.5
	SYPHILIS (090-097) 090-097					
1971	12	0.3	4	0.1	8	0.9
1972	10	0.2	3	0.1	7	0.8
1973	15	0.3	5	0.1	10	1.1
1974	11	0.2	3	0.1	8	0.9
1975	4	0.1	1	*	3	0.3
1976	7	0.1	2	*	5	0.5
1977	10	0.2	5	0.1	5	0.5
1978	8	0.2	4	0.1	4	0.4
1979	5	0.1	3	0.1	2	0.2
1980	8	0.1	3	0.1	5	0.4
	MALIGNANT NEOPLASMS (140-209) 140-208					
1971	6,726	142.7	5,243	137.0	1,483	166.9
1972	7,158	150.3	5,597	144.6	1,561	174.9
1973	7,344	152.7	5,733	146.2	1,611	181.1
1974	7,581	154.5	5,985	149.1	1,596	178.8
1975	7,463	150.3	5,863	144.1	1,600	178.2
1976	7,533	149.7	5,861	143.1	1,672	178.6
1977	7,962	155.1	6,187	147.9	1,775	186.7
1978	8,117	157.7	6,292	151.5	1,825	183.3
1979	8,628	164.0	6,799	163.7	1,829	165.2
1980	9,139	170.9	7,144	168.9	1,995	178.7
	DIABETES MELLITUS (250) 250					
1971	677	14.4	460	12.0	217	24.4
1972	712	14.9	486	12.6	226	25.3
1973	724	15.0	507	12.9	217	24.4
1974	741	15.1	500	12.5	241	27.0
1975	627	12.6	437	10.7	190	21.2
1976	620	12.3	428	10.5	192	20.5
1977	632	12.3	436	10.4	196	20.6
1978	629	12.2	401	9.7	228	22.9
1979	597	11.4	389	9.4	208	18.8
1980	691	12.9	456	10.8	235	21.0
	DISEASES OF HEART (390-398,402,404,410-429) 390-398,402,404-429					
1971	14,580	309.3	11,694	305.7	2,886	324.8
1972	14,751	309.6	11,784	304.4	2,967	332.4
1973	14,945	310.6	11,875	302.8	3,070	345.1
1974	14,766	300.9	11,766	293.0	3,000	336.1
1975	14,587	293.7	11,646	286.2	2,941	327.6
1976	14,895	296.0	11,899	290.5	2,996	320.0
1977	14,460	281.6	11,573	276.6	2,887	303.7
1978	15,275	296.7	12.270	295.5	3,005	301.9
1979	15,366	292.2	12,297	296.2	3,069	277.2
1980	15,733	294.3	12,510	295.8	3,223	288.7

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
	HYPERTENSION (400-401,403) 401,403					
1971	176	3.7	92	2.4	84	9.5
1972	178	3.7	93	2.4	85	9.5
1973	178	3.7	104	2.7	74	8.3
1974	153	3.1	89	2.2	64	7.2
1975	113	2.3	71	1.7	42	4.7
1976	113	2.2	63	1.5	50	5.3
1977	109	2.1	65	1.6	44	4.6
1978	110	2.1	70	1.7	40	4.0
1979	140	2.7	87	2.1	53	4.8
1980	156	2.9	88	2.1	68	6.1
	CEREBROVASCULAR DISEASE (430-438) 430-438					
1971	4,213	89.4	3,182	83.2	1,031	116.0
1972	4,466	93.7	3.335	86.1	1.131	126.7
1973	4,422	91.9	3,308	84.4	1,114	125.2
1974	4,238	86.3	3,183	79.3	1,055	118.2
1975	3,932	79.2	2,925	71.9	1,007	112.2
1976	3,958	78.7	3,016	73.6	942	100.6
1977	3,852	75.0	2,871	68.6	981	103.2
1978	3,746	72.8	2,846	68.5	900	90.4
1979	3,715	70.6	2,775	66.8	940	84.9
1980	3,750	70.1	2,837	67.1	913	81.8
	ATHEROSCLEROSIS (440) 440					
1971	659	14.0	532	13.9	127	14.3
1972	630	13.2	528	13.6	102	11.4
1973	709	14.7	580	14.8	129	14.5
1974	643	13.1	515	12.8	128	14.3
1975	569	11.5	463	11.4	106	11.8
1976	583	11.6	488	11.9	95	10.1
1977	611	11.9	501	12.0	110	11.6
1978	563	10.9	459	11.1	104	10.4
1979	574	10.9	470	11.3	104	9.4
1980	579	10.8	475	11.2	104	9.3
	OTHER DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES (441-448) 441-448					
1971	548	11.6	459	12.0	89	10.0
1972	526	11.0	442	11.4	84	9.4
1973	571	11.9	487	12.4	84	9.4
1974	562	11.5	477	11.9	85	9.5
1975	562	11.3	464	11.4	98	10.9
1976	571	11.3	466	11.4	105	11.2
1977	509	9.9	430	10.3	79	8.3
1978	566	11.0	468	11.3	98	9.8
1979	411	7.8	355	8.5	56	5.1
1980	394	7.4	326	7.7	68	6.1
	PNEUMONIA AND INFLUENZA (470-474,480-486) 480-487					
1971	1,261	26.7	944	24.7	317	35.7
1972	1,516	31.8	1,134	29.3	382	42.8
1973	1,507	31.3	1,132	28.9	375	42.2
1974	1,354	27.6	1,006	25.1	348	39.0
1975	1,293	26.0	1,011	24.8	282	31.4
1976	1,394	27.7	1,093	26.7	301	32.1
1977	1,121	21.8	865	20.7	256	26.9
1978	1,292	25.1	1,039	25.0	253	25.4
1979	1,025	19.5	793	19.1	232	21.0
1980	1,149	21.5	901	21.3	248	22.2

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1971-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979 and 1980.

*Less than 0.05 per 100,000 population

(continued)

TABLE 40

RESIDENT DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION BY RACE, VIRGINIA, 1971-1980 (continued)

BRONCHITIS, EMPHYSEMA, AND ASTHMA (490-493) 490-493

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	593	12.6	512	13.4	81	9.1
1972	557	11.7	500	12.9	57	6.4
1973	554	11.5	483	12.3	71	8.0
1974	539	11.0	466	11.6	73	8.2
1975	443	8.9	371	9.1	72	8.0
1976	438	8.7	380	9.3	58	6.2
1977	408	7.9	349	8.3	59	6.2
1978	434	8.4	373	9.0	61	6.1
1979	345	6.6	302	7.3	43	3.9
1980	370	6.9	332	7.8	38	3.4

CHRONIC LIVER DISEASE AND CIRRHOSIS (571) 571

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	611	13.0	468	12.2	143	16.1
1972	666	14.0	532	13.7	134	15.0
1973	727	15.1	559	14.3	168	18.9
1974	686	14.0	517	12.9	169	18.9
1975	634	12.8	514	12.6	120	13.4
1976	629	12.5	476	11.6	153	16.3
1977	538	10.5	410	9.8	128	13.5
1978	553	10.7	413	9.9	140	14.1
1979	559	10.6	446	10.7	113	10.2
1980	608	11.4	472	11.2	136	12.2

COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND PUERPERIUM** (630-678) 630-676

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	10	12.1	3	4.7	7	36.6
1972	14	18.6	6	10.4	8	45.4
1973	13	18.1	4	7.3	9	53.6
1974	8	11.3	3	5.5	5	29.7
1975	9	12.9	3	5.6	6	35.7
1976	6	8.6	2	3.8	4	23.6
1977	11	14.8	10	18.0	1	5.4
1978	7	9.5	2	3.6	5	27.1
1979	7	9.1	4	7.1	3	14.9
1980	3	3.8	1	1.7	2	9.8

CONGENITAL ANOMALIES (740-759) 740-759

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	405	8.6	328	8.6	77	8.7
1972	369	7.7	298	7.7	71	8.0
1973	313	6.5	239	6.1	74	8.3
1974	317	6.5	233	5.8	84	9.4
1975	293	5.9	237	5.8	56	6.2
1976	321	6.4	245	6.0	76	8.1
1977	300	5.8	218	5.2	82	8.6
1978	295	5.7	221	5.3	74	7.4
1979	335	6.4	263	6.3	72	6.5
1980	333	6.2	259	6.1	74	6.6

CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-778) 760-779

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	972	20.6	639	16.7	333	37.5
1972	873	18.3	559	14.4	314	35.2
1973	756	15.7	512	13.1	244	27.4
1974	726	14.8	458	11.4	268	30.0
1975	697	14.0	431	10.6	266	29.6
1976	587	11.7	341	8.3	246	26.3
1977	613	11.9	352	8.4	261	27.5
1978	480	9.3	272	6.6	208	20.9
1979	651	12.4	391	9.4	260	23.5
1980	591	11.1	348	8.2	243	21.8

ACCIDENTS, ALL TYPES (E800-E949) E800-E949

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	2,585	54.8	1,916	50.1	669	75.3
1972	2,692	56.5	2,008	51.9	684	76.6
1973	2,741	57.0	2,032	51.8	709	79.7
1974	2,540	51.8	2,008	50.0	532	59.6
1975	2,508	50.5	1,921	47.2	587	65.4
1976	2,385	47.4	1,816	44.3	569	60.8
1977	2,597	50.6	1,946	46.5	651	68.5
1978	2,404	46.7	1,821	43.9	583	58.6
1979	2,213	42.1	1,717	41.4	496	44.8
1980	2,450	45.8	1,889	44.7	561	50.2

MOTOR VEHICLE ACCIDENTS (E810-E823) E810-E825

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	1,186	25.2	902	23.6	284	32.0
1972	1,227	25.8	943	24.4	284	31.8
1973	1,250	26.0	944	24.1	306	34.4
1974	1,050	21.4	844	21.0	206	23.1
1975	1,029	20.7	821	20.2	208	23.2
1976	1,029	20.4	810	19.8	219	23.4
1977	1,191	23.2	918	21.9	273	28.7
1978	1,081	21.0	848	20.4	233	23.4
1979	1,002	19.1	820	19.7	182	16.4
1980	1,081	20.2	856	20.2	225	20.2

ALL OTHER ACCIDENTS (E800-E807,E825-E949) E800-E807,E826-E949

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	1,399	29.7	1,014	26.5	385	43.3
1972	1,465	30.8	1,065	27.5	400	44.8
1973	1,491	31.0	1,088	27.7	403	45.3
1974	1,490	30.4	1,164	29.0	326	36.5
1975	1,479	29.8	1,100	27.0	379	42.2
1976	1,356	26.9	1,006	24.6	350	37.4
1977	1,406	27.4	1,028	24.6	378	39.8
1978	1,323	25.7	973	23.4	350	35.2
1979	1,211	23.0	897	21.6	314	28.4
1980	1,369	25.6	1,033	24.4	336	30.1

SUICIDE (E950-E959) E950-E959

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	617	13.1	561	14.7	56	6.3
1972	697	14.6	636	16.4	61	6.8
1973	679	14.1	624	15.9	55	6.2
1974	713	14.5	643	16.0	70	7.8
1975	760	15.3	700	17.2	60	6.7
1976	795	15.8	724	17.7	71	7.6
1977	807	15.7	721	17.2	86	9.0
1978	732	14.2	660	15.9	72	7.2
1979	775	14.7	693	16.7	82	7.4
1980	718	13.4	646	15.3	72	6.4

HOMICIDE (E960-E978) E960-E978

YEAR	TOTAL		WHITE		NONWHITE	
	Number	Rate	Number	Rate	Number	Rate
1971	447	9.5	193	5.0	254	28.6
1972	517	10.9	211	5.5	306	34.3
1973	547	11.4	259	6.6	288	32.4
1974	572	11.7	269	6.7	303	33.9
1975	598	12.0	279	6.9	319	35.5
1976	498	9.9	238	5.8	260	27.8
1977	482	9.4	237	5.7	245	25.8
1978	480	9.3	236	5.7	244	24.5
1979	501	9.5	262	6.3	239	21.6
1980	496	9.3	237	5.6	259	23.2

NOTE: The heading for each individual table shows the name of the disease, the code from the International Classification of Diseases, Adapted, 8th revision used in 1971-1978 in parentheses, and the code from the International Classification of Diseases, 9th revision used in 1979 and 1980.

*Less than 0.05 per 100,000 population

**Rates per 100,000 live births

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
ALL CAUSES	Total	42,496	1,075	166	94	114	467	570	553	520	573	771	1,317	2,141	3,215	3,977	4,928	5,423	5,401	4,792	6,393	6
	M W	17,915	423	69	34	53	264	335	278	241	266	334	625	1,026	1,509	1,926	2.326	2,489	2,226	1,703	1,785	3
	F W	14,950	263	42	32	27	101	93	98	112	124	185	289	507	857	984	1,421	1,765	2,060	2,266	3,722	2
	M Nw	5,405	194	35	16	25	71	97	125	115	121	163	249	385	531	663	700	627	560	376	351	1
	F Nw	4,226	195	20	12	9	31	45	52	52	62	89	154	223	318	404	481	542	555	447	535	
Shigellosis and amebiasis (004,006)	Total	1													1							
	M W																					
	F W	1													1							
	M Nw																					
	F Nw																					
Certain other intestinal infections (007-009)	Total	9						1					1					1	1	2	3	
	M W	4						1										1			2	
	F W	3																	1	1	1	
	M Nw																					
	F Nw	2											1							1		
Tuberculosis, all forms (010-018)	Total	48									1	2	2	5	4	3	6	9	7	5	4	
	M W	13													2	1	3		5	1	1	
	F W	7												1				2		2	2	
	M Nw	16										1		4	2	1	2	4		2		
	F Nw	12									1	1	2			1	1	3	2		1	
Meningococcal infection (036)	Total	8	2	4		1							1									
	M W	3	2	1																		
	F W	2		1									1									
	M Nw	2		2																		
	F Nw	1				1																
Septicemia (038)	Total	319	8	2		1	1	2	4	1	6	2	8	12	33	28	39	37	41	37	57	
	M W	112	3			1		1	1		5	1	2	6	14	11	13	16	16	11	11	
	F W	103	1	1							1	1	2	4	7	3	11	8	13	18	33	
	M Nw	47	2	1					2	1			1	1	8	3	10	9	4	1	4	
	F Nw	57	2				1	1	1				3	1	4	11	5	4	8	7	9	
Viral hepatitis (070)	Total	21						1	1	2	1	1	1	2	2	3	3		1	2	1	
	M W	5											1	1		1	1			1		
	F W	11								1		1			2	2	2		1	1	1	
	M Nw	2							1					1								
	F Nw	3						1		1	1											
Syphilis (090-097)	Total	8													1		1	2	2	2		
	M W																					
	F W	3																2	1			
	M Nw	3													1				1	1		
	F Nw	2															1			1		
Other infectious and parasitic diseases (Residual of 001-139)	Total	83	1				3	2	4	5	2		2	6	2	6	13	5	8	13	11	
	M W	34								1				3	1	5	8	2	2	7	5	
	F W	26	1				1	1	1	1	1			1			1	3	4	6	5	
	M Nw	12					1		1	1				1	1	1	4		1		1	
	F Nw	11					1	1	2	2	1		2	1					1			

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Malignant neoplasms (140-208)	Total	9,139	1	13	21	19	29	34	46	72	110	216	366	687	1,051	1,259	1,377	1,333	1,136	741	628	
	M W	3,875	1	7	10	9	11	19	26	18	40	72	140	286	433	566	619	625	507	277	209	
	F W	3,269		2	8	6	10	9	9	34	46	89	138	233	374	387	442	450	406	321	305	
	M Nw	1,202		1	1	1	5	4	3	4	11	33	44	101	149	205	210	158	123	83	66	
	F Nw	793		3	2	3	3	2	8	16	13	22	44	67	95	101	106	100	100	60	48	
1. Lip, oral cavity and pharynx (140-149)	Total	193		1			1		1		2	4	9	26	38	29	24	24	17	13	4	
	M W	108		1					1		2	1	3	11	20	16	16	20	11	4	2	
	F W	41										1	3	4	6	6	7	2	3	7	2	
	M Nw	30					1					1	1	7	9	6	1		3	1		
	F Nw	14										1	2	4	3	1		2		1		
2. Digestive organs and peritoneum (150-159)	Total	2,215		3			1	2	7	13	22	33	71	140	224	263	340	319	336	228	213	
	M W	872		2				1	3	7	6	16	28	65	96	111	145	139	128	67	58	
	F W	775								4	8	5	18	34	61	66	99	101	138	119	122	
	M Nw	320							1	1	5	9	12	29	45	55	58	40	31	19	15	
	F Nw	248		1			1	1	3	1	3	3	13	12	22	31	38	39	39	23	18	
3. Respiratory and intrathoracic organs (160-165)	Total	2,537			1			3	1	3	15	57	110	234	337	460	432	408	268	129	79	
	M W	1,430			1			3	1		8	25	48	127	169	254	248	258	168	79	41	
	F W	581								2	3	13	27	51	83	113	90	95	53	30	21	
	M Nw	419									2	15	25	43	63	76	82	48	38	18	9	
	F Nw	107								1	2	4	10	13	22	17	12	7	9	2	8	
4. Breast (174-175)	Total	744							1	16	21	41	43	78	119	92	91	88	65	48	41	
	M W	4									1		1		1			1				
	F W	604								9	16	35	36	61	96	71	76	71	57	41	35	
	M Nw	3													2	1						
	F Nw	133							1	7	4	6	6	17	20	20	15	16	8	7	6	
5. Genital organs (179-187)	Total	1,054				1	2	1	8	6	9	15	24	57	73	113	160	181	173	118	113	
	M W	371					1	1	5	1	3	1	3	8	14	28	58	66	81	56	45	
	F W	389					1		3	2	4	10	14	37	45	54	63	56	43	25	32	
	M Nw	187									1			4	3	19	25	46	31	28	30	
	F Nw	107				1				3	1	4	7	8	11	12	14	13	18	9	6	
6. Urinary organs (188-189)	Total	347							2	1	1	6	16	22	37	42	52	45	50	45	28	
	M W	186							1		1	3	10	17	23	22	27	24	27	15	16	
	F W	97								1		2	4	3	5	5	13	13	14	26	11	
	M Nw	49										1	2	2	8	13	7	6	6	3	1	
	F Nw	15							1						1	2	5	2	3	1		
7. Other and unspecified sites (170-173,190-199)	Total	1,257	1	4	6	8	12	15	11	17	27	41	65	89	159	171	179	158	124	95	75	
	M W	547	1	2	2	4	5	8	6	6	12	20	32	38	80	90	79	61	50	29	22	
	F W	482			2	2	5	4	4	9	11	12	25	32	56	46	57	75	52	45	45	
	M Nw	121		1	1	1		3		1	3	6	3	11	13	21	26	9	9	10	3	
	F Nw	107		1	1	1	2		1	1	1	3	5	8	10	14	17	13	13	11	5	
8. Leukemia (204-208)	Total	317		5	10	7	8	6	7	11	8	10	16	11	17	37	32	38	32	27	35	
	M W	142		2	3	2	3	3	4	4	3	2	7	5	7	19	15	23	13	9	18	
	F W	135		2	6	4	2	3		6	3	7	8	4	7	14	11	12	15	16	15	
	M Nw	19					3		1	1					3	3	3	3		1	1	
	F Nw	21		1	1	1			2		2	1	1	2		1	3		4	1	1	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
9. Other neoplasms of lymphatic and hemato-poietic tissues (200-203)	Total	475			4	3	5	7	8	5	5	9	12	30	47	52	67	72	71	38	40	
	M W	215			4	3	2	3	5		4	4	8	15	23	26	31	33	29	18	7	
	F W	165					2	2	2	1	1	4	3	7	15	12	26	25	31	12	22	
	M Nw	54					1	1	1	1		1	1	5	3	11	8	6	5	3	7	
	F Nw	41						1		3				3	6	3	2	8	6	5	4	
Benign neoplasms and neoplasms of unspecified nature (210-239)	Total	134	1	1		3	4	4	3	2	3	5	9	9	6	9	18	18	14	13	12	
	M W	46				2	1	1	1	1	1	3	4	2	2	2	5	4	6	6	5	
	F W	55	1	1		1	2	1	2	1	2	2	4	4	4	3	6	9	5	3	4	
	M Nw	17					1	1						3		3	4	1	1	1	2	
	F Nw	16						1					1			1	3	4	2	3	1	
Diabetes mellitus (250)	Total	691			1		2	1	6	7	10	8	21	34	63	88	90	106	94	83	77	
	M W	193			1				1	3	1	4	6	15	22	22	23	34	27	17	17	
	F W	263					2		3	2	2	4	7	6	21	27	34	33	36	42	44	
	M Nw	88							1	1	3		5	5	10	12	8	11	14	12	6	
	F Nw	147						1	1	1	4		3	8	10	27	25	28	17	12	10	
Nutritional deficiencies (260-269)	Total	54						1				1	1		1	5	9	10	6	7	13	
	M W	14										1				1	2	3	3	1	3	
	F W	29													1	3	2	5	3	6	9	
	M Nw	6											1				3	1			1	
	F Nw	5						1								1	2	1				
Anemias (280-285)	Total	63	1	1			5	1	1	2		1	2	2	3	3	6	4	10	8	13	
	M W	19					1							1		1	2	2	5	4	3	
	F W	21		1			1								1	1	2	1	3	3	8	
	M Nw	10					1	1	1	2		1		1	1						2	
	F Nw	13	1				2						2		1	1	2	1	2	1		
Meningitis (320-322)	Total	30	11	5			1							1	1	2	3	3	1		2	
	M W	12	3	3										1			2	2	1			
	F W	7	4	1												1					1	
	M Nw	6	1	1											1		1	1			1	
	F Nw	5	3				1									1						
Major cardiovascular diseases (390-448)	Total	20,612	25	8	7	3	20	27	41	75	124	213	460	788	1,345	1,788	2,419	2,903	3,100	2,997	4,267	2
	M W	8,377	9	4	2		5	11	11	31	65	99	256	433	701	922	1,163	1,299	1,210	1,024	1,131	1
	F W	7,859	8	2	2	2	1	9	15	14	16	33	49	127	274	370	673	946	1,261	1,483	2,573	1
	M Nw	2,254	3	1	1	1	5	2	10	20	31	49	97	136	230	298	322	337	296	213	202	
	F Nw	2,122	5	1	2		9	5	5	10	12	32	58	92	140	198	261	321	333	277	361	
1. Diseases of heart (390-398,402,404-429)	Total	15,733	19	8	5	3	15	19	28	56	98	182	387	667	1,168	1,492	1,946	2,300	2,282	2,101	2,955	2
	M W	6,822	9	4	1		3	8	7	24	55	93	231	383	648	804	999	1,071	918	739	824	1
	F W	5,688	4	2	2	2	1	7	11	9	11	26	37	96	229	296	523	734	929	1,015	1,753	1
	M Nw	1,722	1	1	1	1	5	1	7	16	26	39	76	121	183	235	236	256	217	156	144	
	F Nw	1,501	5	1	1		6	3	3	7	6	24	43	67	108	157	188	239	218	191	234	
a. Rheumatic fever and rheumatic heart disease (390-398)	Total	118						1	1	4	4	5	4	7	10	17	16	19	16	7	7	
	M W	37								2		2	3	2	1	4	9	6	4	2	2	
	F W	63						1		1	3	3	1	4	7	9	4	11	11	4	4	
	M Nw	11								1	1			1	1	1	3		1	1	1	
	F Nw	7							1						1	3		2				

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
b. Hypertensive heart disease (402)	Total	439								2	4	3	8	20	34	50	60	71	74	55	58	
	M W	106								1		1	3	4	9	13	18	28	11	9	9	
	F W	156												6	9	11	14	13	39	28	36	
	M Nw	82								1	4	2	2	5	11	13	10	14	12	7	1	
	F Nw	95											3	5	5	13	18	16	12	11	12	
c. Hypertensive heart and renal disease (404)	Total	90						1				1		2	3	7	9	14	16	11	26	
	M W	24													1	3	2	4	4	5	5	
	F W	32														1	2	7	4	3	15	
	M Nw	13												1	2	1	2	1	1	1	4	
	F Nw	21						1				1		1		2	3	2	7	2	2	
d. Ischemic heart disease (410-414)	Total	11,063						1	8	34	62	128	300	520	895	1,114	1,457	1,672	1,580	1,454	1,837	1
	M W	5,274						1	2	19	42	74	192	322	539	660	806	830	691	546	550	
	F W	3,855							1	4	3	17	28	67	161	215	385	541	640	708	1,084	1
	M Nw	1,084							4	10	13	29	53	90	129	148	155	156	127	91	79	
	F Nw	850							1	1	4	8	27	41	66	91	111	145	122	109	124	
i. Acute myocardial infarction (410)	Total	6,044						1	3	11	32	77	181	329	532	699	904	979	857	745	693	1
	M W	3,113						1	2	4	23	44	126	216	343	421	533	486	379	304	231	
	F W	1,966								2	2	10	17	42	88	144	237	341	349	345	388	1
	M Nw	553								4	5	17	29	44	67	77	74	86	74	44	32	
	F Nw	412							1	1	2	6	9	27	34	57	60	66	55	52	42	
ii. Other ischemic heart disease (411-414)	Total	5,019							5	23	30	51	119	191	363	415	553	693	723	709	1,144	
	M W	2,161								15	19	30	66	106	196	239	273	344	312	242	319	
	F W	1,889							1	2	1	7	11	25	73	71	148	200	291	363	696	
	M Nw	531							4	6	8	12	24	46	62	71	81	70	53	47	47	
	F Nw	438									2	2	18	14	32	34	51	79	67	57	82	
e. Other diseases of endocardium (424)	Total	145						1		1	2	1	4	5	12	11	20	20	26	21	21	
	M W	65						1			2	1	3	2	7	6	8	8	13	7	7	
	F W	61								1				2	2	4	9	10	11	11	11	
	M Nw	8											1	1	1		1	1	1	1	1	
	F Nw	11													2	1	2	1	1	2	2	
f. All other forms of heart disease (415-423,425-429)	Total	3,878	19	8	5	3	15	15	19	15	26	44	71	113	214	293	384	504	570	553	1,006	1
	M W	1,316	9	4	1		3	6	5	2	11	15	30	53	91	118	156	195	195	170	251	1
	F W	1,521	4	2	2	2	1	6	10	3	5	6	8	17	50	56	109	152	224	261	603	
	M Nw	524	1	1	1	1	5	1	3	4	8	8	20	23	39	72	65	84	75	55	58	
	F Nw	517	5	1	1		6	2	1	6	2	15	13	20	34	47	54	73	76	67	94	
2. Hypertension (401,403)	Total	156							1		2		2	7	10	13	30	26	22	14	29	
	M W	32												3	3	4	6	6	2	1	7	
	F W	56												1	3	3	10	5	8	10	16	
	M Nw	28									1		1	1	2	3	6	6	2	1	5	
	F Nw	40							1		1		1	2	2	3	8	9	10	2	1	
3. Cerebrovascular diseases (430-438)	Total	3,750	6		2		3	7	8	16	21	26	61	100	132	219	333	448	646	697	1,025	
	M W	1,101			1		1	3	2	5	10	6	18	41	28	72	107	154	219	211	223	
	F W	1,736	4					1	4	5	4	5	10	26	38	63	100	168	271	375	662	
	M Nw	415	2					1	1	3	4	7	19	14	40	50	68	63	65	42	36	
	F Nw	498			1		2	2	1	3	3	8	14	19	26	34	58	63	91	69	104	

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TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
4. Atherosclerosis (440)	Total	579										1		9	13	22	39	59	87	128	221	
	M W	212												3	7	18	16	27	36	42	63	
	F W	263										1		3	1	2	14	18	36	62	126	
	M Nw	49													2	1	6	8	7	12	13	
	F Nw	55												3	3	1	3	6	8	12	19	
5. Other diseases of arteries, arterioles, and capillaries (441-448)	Total	394					2	1	4	3	3	4	10	5	22	42	71	70	63	57	37	
	M W	210					1		2	2			7	3	15	24	35	41	35	31	14	
	F W	116						1			1	1	2	1	3	6	26	21	17	21	16	
	M Nw	40							2	1		3	1		3	9	6	4	5	2	4	
	F Nw	28					1				2			1	1	3	4	4	6	3	3	
Acute bronchitis and bronchiolitis (466)	Total	21	8	1				1						2			1	1	3	1	3	
	M W	8	1	1				1						1					2		2	
	F W	7	3															1	1	1	1	
	M Nw	5	3											1			1					
	F Nw	1	1																			
Pneumonia and influenza (480-487)	Total	1,149	14	5			5	5	5	5	7	12	17	31	42	60	95	118	134	207	387	
	M W	452	5	2			1	1	1	1	3	2	4	9	19	27	52	60	60	83	122	
	F W	449	4	1				2	2	2	1	3	3	9	11	10	17	37	48	91	208	
	M Nw	137	1	1			2	2	1		3	6	8	10	10	16	21	14	15	11	16	
	F Nw	111	4	1			2		1	2		1	2	3	2	7	5	7	11	22	41	
Chronic obstructive pulmonary diseases (490-496)	Total	1,130	1	1	1		1	1	1		1	5	21	38	75	142	184	227	200	126	104	1
	M W	685		1							1	1	11	19	39	81	110	148	136	80	58	
	F W	314			1				1				7	14	25	40	48	60	44	36	37	1
	M Nw	97					1	1				2	2	2	7	16	21	17	14	7	7	
	F Nw	34	1									2	1	3	4	5	5	2	6	3	2	
Ulcer of stomach and duodenum (531-533)	Total	115					1	1			2	3	3	7	9	15	14	11	16	14	19	
	M W	49						1			1	2		3	5	8	6	4	7	3	9	
	F W	48										1	1	3	3	3	7	6	6	8	10	
	M Nw	13					1				1		2		1	4	1		2	1		
	F Nw	5												1				1	1	2		
Appendicitis (540-543)	Total	16											1		1	3	3	4	1		3	
	M W	4													1			3				
	F W	6											1				1		1		3	
	M Nw	3														1	2					
	F Nw	3														2		1				
Hernia and intestinal obstruction (550-553,560)	Total	118	8	1				1			3	4		1	4	8	6	19	14	18	31	
	M W	29	4					1			2	1			2	4	3	5	2	2	3	
	F W	55	2									2		1	1	3	3	5	5	9	24	
	M Nw	14		1											1	1		3	3	3	2	
	F Nw	20	2								1	1						6	4	4	2	
Chronic liver disease and cirrhosis (571)	Total	608							7	16	18	38	69	104	101	77	82	45	29	14	8	
	M W	305								3	7	19	44	49	53	36	51	23	10	6	4	
	F W	167							2	3	1	6	11	26	31	23	22	17	15	8	2	
	M Nw	74							2	8	5	4	11	16	7	10	4	4	2		1	
	F Nw	62							3	2	5	9	3	13	10	8	5	1	2		1	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Cholelithiasis and other disorders of gall bladder (574-575)	Total	60									1	1	1	1	1	5	7	8	7	6	22	
	M W	20												1	1	2	4	2	2	2	6	
	F W	33									1		1			2	2	4	4	4	15	
	M Nw	3														1		1	1			
	F Nw	4										1					1	1			1	
Nephritis, nephrotic syndrome, and nephrosis (580-589)	Total	371	3	1		1		1	4	2	8	4	8	13	19	25	48	55	55	56	68	
	M W	126	2						2		3	1	2	4	8	6	17	22	17	20	22	
	F W	100	1								1			3	1	8	6	17	15	21	27	
	M Nw	75		1		1			2	2	2	3	3	6	5	5	9	6	13	7	10	
	F Nw	70						1			2		3		5	6	16	10	10	8	9	
Infections of kidney (590)	Total	44							1					1	2	2	6	5	5	11	11	
	M W	11													1		1	3	1	2	3	
	F W	25							1					1			3	2	4	6	8	
	M Nw	3														1	1			1		
	F Nw	5													1	1	1			2		
Hyperplasia of prostate (600)	Total	11														1	3		2		5	
	M W	9															2		2		5	
	F W																					
	M Nw	2														1	1					
	F Nw																					
Complications of pregnancy, childbirth, and the puerperium (630-676)	Total	3						1	2													
	M W																					
	F W	1						1														
	M Nw																					
	F Nw	2							2													
Congenital anomalies (740-759)	Total	333	227	25	3	4	9	4	6	5	4	4	5	4	4	5	7	8	6	3		
	M W	148	108	12	1	2	4		2	2	1	1	2	2	1	3	1	3	2	1		
	F W	111	68	8	2	2	4	2	2		3	1	2	1	3	2	5	3	1	2		
	M Nw	41	31	3			1	2		2		1							1			
	F Nw	33	20	2					2	1		1	1	1			1	2	2			
Certain conditions originating in the perinatal period (760-779)	Total	591	591																			
	M W	215	215																			
	F W	133	133																			
	M Nw	119	119																			
	F Nw	124	124																			
Symptoms and Ill-defined conditions (780-799)	Total	287	100	2		1	3	4	2	6	5	1	5	4	16	15	18	16	21	11	56	1
	M W	117	42	1			2	2	2	1	2	1	1	3	5	11	10	8	8	2	16	
	F W	92	20	1		1		1		2	1			1	7	1	3	2	8	6	38	
	M Nw	43	21							2	1		3		2	2	3	3	4		1	1
	F Nw	35	17				1	1		1	1		1		2	1	2	3	1	3	1	
All other diseases (Residual)	Total	2,726	35	21	17	11	21	30	26	35	55	79	106	173	205	229	282	317	338	297	449	
	M W	982	12	8	7	5	11	10	12	14	16	23	42	66	76	113	115	132	116	99	105	
	F W	1,002	9	7	8	4	7	5	4	6	12	15	26	36	52	59	97	107	131	139	278	
	M Nw	416	7	4	1	1		6	5	7	17	29	23	48	47	38	44	42	47	26	24	
	F Nw	326	7	2	1	1	3	9	5	8	10	12	15	23	30	19	26	36	44	33	42	

(continued)

TABLE 41 - RESIDENT DEATHS BY AGE BY CAUSE, SEX AND RACE, VIRGINIA, 1980 (continued)

CAUSE OF DEATH	Race/ Sex	All Ages	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years	Unk.
Accidents (E800-E949)	Total	2,450	31	62	40	67	290	278	216	155	115	74	115	129	143	132	134	111	124	101	133	
	M W	1,360	14	28	11	34	185	190	134	105	64	43	68	70	76	68	72	54	62	43	39	
	F W	529	7	12	10	9	59	42	29	18	17	10	14	19	20	24	30	39	40	47	83	
	M Nw	437	5	16	13	20	42	38	46	30	30	15	26	35	35	32	23	9	14	3	5	
	F Nw	124	5	6	6	4	4	8	7	2	4	6	7	5	12	8	9	9	8	8	6	
1. Motor vehicle accidents (E810-E825)	Total	1,081	4	16	16	29	206	189	135	86	56	37	40	54	56	48	28	30	24	14	13	
	M W	647	3	9	5	14	131	135	78	58	28	19	22	26	33	26	16	15	14	9	6	
	F W	209	1	3	6	5	50	29	21	10	12	5	5	12	9	7	6	10	7	5	6	
	M Nw	185		3	3	8	22	23	31	17	13	10	12	13	8	11	6	3	1		1	
	F Nw	40		1	2	2	3	2	5	1	3	3	1	3	6	4		2	2			
2. Home accidents ((Home)E850-E949)	Total	541	19	38	15	12	13	17	17	18	16	13	27	29	30	36	51	42	55	41	52	
	M W	222	8	13	2	8	6	7	11	10	9	6	13	7	11	15	20	22	24	11	19	
	F W	162	5	7	3	1	3	5	2	5	4	2	4	3	6	9	18	13	17	25	30	
	M Nw	107	2	13	7	1	4	2	2	3	2	3	7	17	11	9	10	2	10	1	1	
	F Nw	50	4	5	3	2		3	2		1	2	3	2	2	3	3	5	4	4	2	
3. All other accidents (E800-E807,E826-E849, (Other)E850-E949)	Total	828	8	8	9	26	71	72	64	51	43	24	48	46	57	48	55	39	45	46	68	
	M W	491	3	6	4	12	48	48	45	37	27	18	33	37	32	27	36	17	24	23	14	
	F W	158	1	2	1	3	6	8	6	3	1	3	5	4	5	8	6	16	16	17	47	
	M Nw	145	3		3	11	16	13	13	10	15	2	7	5	16	12	7	4	3	2	3	
	F Nw	34	1		1		1	3		1		1	3		4	1	6	2	2	4	4	
Suicide (E950-E959)	Total	718					45	90	80	74	52	59	49	61	57	42	33	36	21	12	6	1
	M W	507					32	65	55	47	37	42	27	43	40	30	29	30	16	9	4	1
	F W	139					10	9	18	17	11	13	16	12	13	8	2	4	3	1	2	
	M Nw	59					2	14	6	9	3	4	5	3	3	2	2	2	2	2		
	F Nw	13					1	2	1	1	1		1	3	1	2						
Homicide and legal intervention (E960-E978)	Total	496	6	11	3	3	26	74	94	54	44	37	40	25	19	22	21	10	4	2		1
	M W	164	2		1		11	27	28	14	16	17	13	8	5	5	12	3	1			1
	F W	73	1	4	1	2	3	10	9	9	8	4	6	4	4	4	2	2				
	M Nw	196	1	2		1	9	26	44	26	14	15	17	11	9	10	3	4	2	2		
	F Nw	63	2	5	1		3	11	13	5	6	1	4	2	1	3	4	1	1			
Other external causes (E980-E999)	Total	29	1	2	1		1	5	3	2	1	1	3	1	4			1		3		
	M W	17		1	1			4	2		1	1	2		2			1		2		
	F W	7					1	1		2				1	1					1		
	M Nw	3		1									1		1							
	F Nw	2	1						1													

TABLE 42 - FIVE LEADING CAUSES OF DEATH IN SPECIFIED AGE GROUPS BY RACE, VIRGINIA, 1980

Age of Death	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Under 1 year						
All causes	1,075	100.0	686	100.0	389	100.0
Certain conditions originating in the perinatal period (760-779)	591	55.0	348	50.7	243	62.5
Congenital anomalies (740-759)	227	21.1	176	25.7	51	13.1
All accidents (E800-E949)	31	2.9	21	3.1	10	2.6
Diseases of heart (390-398,402,404-429)	19	1.8	13	1.9	6	1.5
Pneumonia and influenza (480-487)	14	1.3	9	1.3	5	1.3
All other causes	193	17.9	119	17.3	74	19.0
1-4 years						
All causes	166	100.0	111	100.0	55	100.0
All accidents (E800-E949)	62	37.4	40	36.1	22	40.0
Congenital anomalies (740-759)	25	15.1	20	18.0	5	9.1
Malignant neoplasms (140-208)	13	7.8	9	8.1	4	7.3
Homicide (E960-E978)	11	6.6	4	3.6	7	12.7
Diseases of heart (390-398,402,404-429)	8	4.8	6	5.4	2	3.6
All other causes	47	28.3	32	28.8	15	27.3
5-14 years						
All causes	208	100.0	146	100.0	62	100.0
All accidents (E800-E949)	107	51.4	64	43.9	43	69.4
Malignant neoplasms (140-208)	40	19.2	33	22.6	7	11.3
Diseases of heart (390-398,402,404-429)	8	3.9	5	3.4	3	4.8
Congenital anomalies (740-759)	7	3.4	7	4.8		
Homicide (E960-E978)	6	2.9	4	2.7	2	3.2
All other causes	40	19.2	33	22.6	7	11.3
15-24 years						
Alls causes	1,037	100.0	793	100.0	244	100.0
All accidents (E800-E949)	568	54.8	476	60.0	92	37.7
Suicide (E950-E959)	135	13.0	116	14.6	19	7.8
Homicide (E960-E978)	100	9.6	51	6.4	49	20.1
Malignant neoplasms (140-208)	63	6.1	49	6.2	14	5.7
Diseases of heart (390-398,402,404-429)	34	3.3	19	2.4	15	6.2
All other causes	137	13.2	82	10.4	55	22.5
25-44 years						
All causes	2,417	100.0	1,638	100.0	779	100.0
All accidents (E800-E949)	560	23.2	420	25.6	140	18.0
Malignant neoplasms (140-208)	444	18.4	334	20.4	110	14.1
Diseases of heart (390-398,402,404-429)	364	15.1	236	14.4	128	16.4
Suicide (E950-E959)	265	10.9	240	14.7	25	3.2
Homicide (E960-E978)	229	9.5	105	6.4	124	15.9
All other causes	555	22.9	303	18.5	252	32.4
45-64 years						
All causes	10,650	100.0	7,723	100.0	2,927	100.0
Diseases of heart (390-398,402,404-429)	3,714	34.9	2,724	35.3	990	33.8
Malignant neoplasms (140-208)	3,363	31.6	2,557	33.1	806	27.5
All accidents (E800-E049)	519	4.9	359	4.7	160	5.5
Cerebrovascular diseases (430-438)	512	4.8	296	3.8	216	7.4
Chronic liver disease and cirrhosis (571)	351	3.3	273	3.5	78	2.7
All other causes	2,191	20.5	1,514	19.6	677	23.1
65-74 years						
All causes	10,351	100.0	8,001	100.0	2,350	100.0
Diseases of heart (390-398,402,404-429)	4,246	41.0	3,327	41.6	919	39.1
Malignant neoplasms (140-208)	2,710	26.2	2,136	26.7	574	24.4
Cerebrovascular diseases (430-438)	781	7.5	529	6.6	252	10.7
Chronic obstructive pulmonary diseases (490-496)	411	4.0	366	4.6	45	1.9
All accidents (E800-E949)	245	2.4	195	2.4	50	2.2
All other causes	1,958	18.9	1,448	18.1	510	21.7
75 and over						
All causes	16,586	100.0	13,762	100.0	2,824	100.0
Diseases of heart (390-398,402,404-429)	7,338	44.2	6,178	44.9	1,160	41.1
Malignant neoplasms (140-208)	2,505	15.1	2,025	14.7	480	17.0
Cerebrovascular diseases (430-438)	2,368	14.3	1,961	14.2	407	14.4
Pneumonia and influenza (480-487)	728	4.4	612	4.4	116	4.1
Atherosclerosis (440)	436	2.6	365	2.7	71	2.5
All other causes	3,211	19.4	2,621	19.1	590	20.9

TABLE 43
RESIDENT ACCIDENTAL DEATHS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1980

Type of Accident	Total	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS	2,450	31	62	40	67	290	278	371	189	244	275	245	225	133
Railway (E800-E807)	18				2		4	1	1	5	4		1	
Motor vehicle (E810-E825)	1,081	4	16	16	29	206	189	221	93	94	104	58	38	13
Other road vehicle (E826-E829)	2				1	1								
Water transport (E830-E838)	33				1	2	8	9	4	4	4		1	
Aircraft (E840-E845)	21			1		1	1	6	5	5	1	1		
Vehicles not elsewhere classifiable (E846-E848)	3				1			1	1					
Poisoning by drugs (E850-E858)	44	1	1			1	6	13	3	9	2	2	5	1
Poisoning by other solids and liquids (E860-E866)	73		1			1	1	8	9	22	22	9		
Poisoning by gases and vapors (E867-E869)	23					3	1	5	3	3	1	4	3	
Surgical and medical misadventures and complications (E870-E879)	40	1					2	1	2	1	9	8	12	4
Falls (E880-E888)	362	3	4	1	3	4	8	14	10	28	34	60	102	91
Fires (E890-E899)	169	8	22	9	4	4	7	14	10	20	15	32	19	5
Excessive heat or cold or exposure (E900-E904)	55						3	2	3	9	14	14	8	2
Insects and animals (E905-E906)	4								1		1	1	1	
Lightning (E907)	6				2	1		2				1		
Cataclysm (E908-E909)	3							2			1			
Drowning and submersion (E910)	160		10	12	13	38	24	25	9	8	10	7	3	1
Suffocation from inhaled or ingested object (E911-E912)	78	8	2			2	2	4	2	7	9	15	15	12
Mechanical suffocation (E913)	19	4	1		2	2	1	3	1	3	2			
Foreign body entering orifice (E914-E915)	2							1				1		
Falling or projected object or caught between objects (E916-E918)	32	1	1		1		3	10	4	9	1	2		
Machinery (E919)	49				1	3	2	6	5	5	15	8	4	
Cutting or piercing instruments (E920)	4							2	1		1			
Explosion of pressure vessel (E921)	3							1	1			1		
Firearms (E922)	36		1	1	4	14	3	4	2	2	3		2	
Explosive materials (E923)	7						1	2		3			1	
Hot substance, corrosive material, steam (E924)	5									1	1	3		
Electric current (E925)	34		1		2	4	5	10	10	2				
Over-exertion (E927)	2								1		1			
Other and unspecified environmental causes (E928)	45	1				1	6	2	8		7	11	7	2
Late effects (E929)	32		1		1	1	1	2		3	12	7	2	2
Drugs causing adverse effects in therapeutic use (E930-E949)	5		1			1				1	1		1	

TABLE 44
RESIDENT HOME ACCIDENTS BY AGE, BY TYPE OF ACCIDENT
VIRGINIA, 1980
(Included in tabulation of all accidental deaths)

Type of Accident	Total	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85 & Over
TOTAL DEATHS DUE TO ACCIDENTS IN THE HOME	555	20	41	17	14	13	17	36	29	56	67	97	96	52
Motor vehicle (E810-E825)	13	1	3	2	1			1			1	4		
Other road vehicle (E826-E829)	1				1									
Poisoning by drugs (E850-E858)	16		1				2	7	2	2	1	1		
Poisoning by other solids and liquids (E860-E866)	32		1					1	3	11	11	5		
Poisoning by gases and vapors (E867-E869)	14					1		1	2	2	1	4	3	
Surgical and medical misadventures and complications (E870-E879)	1												1	
Falls (E880-E888)	198	2	4	1	1		1	3	5	13	19	37	65	47
Fires (E890-E899)	162	8	22	9	4	4	7	13	10	19	14	31	16	5
Excessive heat or cold or exposure (E900-E904)	15							1		1	6	3	4	
Insects and animals (E905-E906)	1								1					
Lightning (E907)	1											1		
Drowning and submersion (E910)	20		4	4		2	2	1	1	1	1	3	1	
Suffocation from inhaled or ingested object (E911-E912)	13	4	1				1		1		1	3	2	
Mechanical suffocation (E913)	12	4	1		2	2	1			1	1			
Falling or projected object or caught between objects (E916-E918)	9	1	1		1			1	1	2	1	1		
Machinery (E919)	4									1	2	1		
Cutting or piercing instruments (E920)	3							1	1		1			
Explosion of pressure vessel (E921)	1											1		
Firearms (E922)	16		1	1	3	3	1	2		2	2		1	
Explosive materials (E923)	2						1						1	
Hot substance, corrosive material, steam (E924)	2										1	1		
Electric current (E925)	7		1		1		1	2	1	1				
Other and unspecified environmental causes (E928)	4							1	1		2			
Late effects (E929)	7		1					1			2	1	2	
Drugs causing adverse effects in therapeutic use (E930-E949)	1					1								

TABLE 45

DEATHS BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980

Cause of Death	STATE OF VIRGINIA					
	Place of Occurrence			Place of Residence		
	Total	White	Nonwhite	Total	White	Nonwhite
All causes	41,855	32,198	9,657	42,496	32,865	9,631
1 **Shigellosis and amebiasis** 004,006	1	1		1	1	
2 **Certain other intestinal infections** . 007-009	8	6	2	9	7	2
3 **Tuberculosis, all forms** 010-018	49	21	28	48	20	28
4 **Whooping cough** 033						
5 **Streptococcal sore throat, scarlatina and erysipelas** 034-035						
6 **Meningococcal infection** 036	7	4	3	8	5	3
7 **Septicemia** 038	314	207	107	319	215	104
8 **Acute poliomyelitis** 045						
9 **Measles** 055						
10 **Viral hepatitis** 070	21	15	6	21	16	5
11 **Syphilis** 090-097	8	3	5	8	3	5
12 **Other infectious & parasitic diseases** .... Residual of 001-139	80	58	22	83	60	23
13 **Malignant neoplasms** 140-208	8,885	6,910	1,975	9,139	7,144	1,995
14 Lip, oral cavity and pharynx 140-149	189	143	46	193	149	44
15 Digestive organs and peritoneum ... 150-159	2,178	1,617	561	2,215	1,647	568
16 Respiratory & intrathoracic organs. 160-165	2,488	1,966	522	2,537	2,011	526
17 Breast 174-175	722	586	136	744	608	136
18 Genital organs 179-187	1,006	718	288	1,054	760	294
19 Urinary organs 188-189	333	271	62	347	283	64
20 Other & unspecified sites . 170-173,190-199	1,212	987	225	1,257	1,029	228
21 Leukemia 204-208	298	257	41	317	277	40
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	459	365	94	475	380	95
23 **Benign neoplasms and neoplasms of unspecified nature** 210-239	126	96	30	134	101	33
24 **Diabetes mellitus** 250	692	449	243	691	456	235
25 **Nutritional deficiencies** 260-269	55	45	10	54	43	11
26 **Anemias** 280-285	60	38	22	63	40	23
27 **Meningitis** 320-322	31	18	13	30	19	11
28 **Major cardiovascular diseases** 390-448	20,427	16,049	4,378	20,612	16,236	4,376
29 Diseases of heart 390-398,402,404-429	15,579	12,362	3,217	15,733	12,510	3,223
30 Rheumatic fever and rheumatic heart disease 390-398	107	91	16	118	100	18
31 Hypertensive heart disease 402	423	248	175	439	262	177
32 Hypertensive heart & renal disease .. 404	89	57	32	90	56	34
33 Ischemic heart disease 410-414	10,983	9,053	1,930	11,063	9,129	1,934
34 Acute myocardial infarction 410	5,992	5,028	964	6,044	5,079	965
35 Other ischemic heart disease .. 411-414	4,991	4,025	966	5,019	4,050	969
36 Other diseases of endocardium 424	140	121	19	145	126	19
37 All other forms of heart disease 415-423,425-429	3,837	2,792	1,045	3,878	2,837	1,041
38 Hypertension 401,403	156	87	69	156	88	68
39 Cerebrovascular diseases 430-438	3,728	2,810	918	3,750	2,837	913
40 Atherosclerosis 440	579	474	105	579	475	104
41 Other diseases of arteries, arterioles, and capillaries 441-448	385	316	69	394	326	68
42 Acute bronchitis and bronchiolitis 466	21	16	5	21	15	6
43 Pneumonia and influenza 480-487	1,142	893	249	1,149	901	248
44 Chronic obstructive pulmonary diseases. 490-496	1,105	969	136	1,130	999	131
45 Ulcer of stomach and duodenum 531-533	110	92	18	115	97	18
46 Appendicitis 540-543	16	10	6	16	10	6
47 Hernia & intestinal obstruction . 550-553,560	115	84	31	118	84	34
48 Chronic liver disease and cirrhosis 571	576	445	131	608	472	136
49 Cholelithiasis and other disorders of gall bladder 574-575	59	52	7	60	53	7
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	366	222	144	371	226	145
51 Infections of kidney 590	45	37	8	44	36	8
52 Hyperplasia of prostate 600	10	8	2	11	9	2
53 Complications of pregnancy, childbirth, and the puerperium 630-676	3	1	2	3	1	2
54 Congenital anomalies 740-759	291	220	71	333	259	74
55 Certain conditions originating in the perinatal period 760-779	560	318	242	591	348	243
56 Symptoms and ill-defined conditions . 780-799	280	203	77	287	209	78
57 All other diseases .... Residual	2,674	1,934	740	2,726	1,984	742
58 Accidents E800-E949	2,481	1,880	601	2,450	1,889	561
59 Motor vehicle accidents E810-E825	1,111	862	249	1,081	856	225
60 Home accidents .... (Home) E850-E949	547	391	156	541	384	157
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	823	627	196	828	649	179
62 Suicide E950-E959	713	640	73	718	646	72
63 Homicide and legal intervention ... E960-E978	493	229	264	496	237	259
64 Other external causes E980-E999	31	25	6	29	24	5

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 1

Cause of Death	Planning District 1			Lee		Scott		Wise		Norton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,010	988	22	276	2	240	2	420	13	52	5
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	2	2						1		1	
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	4	4		1				3			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1						1			
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	3	2	1	1				1	1		
13 Malignant neoplasms 140-208	196	194	2	56		45		81	1	12	1
14 Lip, oral cavity and pharynx 140-149	3	3		2				1			
15 Digestive organs and peritoneum ... 150-159	40	39	1	9		10		16	1	4	
16 Respiratory & intrathoracic organs. 160-165	58	58		20		13		19		6	
17 Breast 174-175	20	20		7		2		9		2	
18 Genital organs 179-187	25	24	1	6		8		10			1
19 Urinary organs 188-189	10	10		3		3		4			
20 Other & unspecified sites . 170-173,190-199	26	26		8		4		14			
21 Leukemia 204-208	5	5		1				4			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	9				5		4			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1						1			
24 Diabetes mellitus 250	16	15	1	1		2		10	1	2	
25 Nutritional deficiencies 260-269	6	6						6			
26 Anemias 280-285	4	4				1		3			
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	487	475	12	145	2	114	2	193	6	23	2
29 Diseases of heart 390-398,402,404-429	409	399	10	121	2	93	2	164	4	21	2
30 Rheumatic fever and rheumatic heart disease 390-398	6	6		1		3		1		1	
31 Hypertensive heart disease 402	6	6		1		4		1			
32 Hypertensive heart & renal disease .. 404											
33 Ischemic heart disease 410-414	329	320	9	100	2	75	1	126	4	19	2
34 Acute myocardial infarction 410	190	184	6	51		47		75	4	11	2
35 Other ischemic heart disease .. 411-414	139	136	3	49	2	28	1	51		8	
36 Other diseases of endocardium 424	5	5		1		4					
37 All other forms of heart disease 415-423,425-429	63	62	1	18		7	1	36		1	
38 Hypertension 401,403	2	1	1	1					1		
39 Cerebrovascular diseases 430-438	62	61	1	18		17		25	1	1	
40 Atherosclerosis 440	7	7		1		2		4			
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7		4		2				1	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	32	31	1	7		9		11	1	4	
44 Chronic obstructive pulmonary diseases. 490-496	31	31		6		14		11			
45 Ulcer of stomach and duodenum 531-533	3	3		1		2					
46 Appendicitis 540-543	1	1		1							
47 Hernia & intestinal obstruction . 550-553,560	3	3		1		1		1			
48 Chronic liver disease and cirrhosis 571	14	13	1	5		4		2	1	2	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				1		1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	11		2		3		5		1	
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	11	10	1	2		2		6	1		
55 Certain conditions originating in the perinatal period 760-779	13	13		2		2		8		1	
56 Symptoms and ill-defined conditions . 780-799	8	8		1		4		3			
57 All other diseases .... Residual	75	73	2	19		12		38	1	4	1
58 Accidents E800-E949	64	63	1	14		21		26		2	1
59 Motor vehicle accidents E810-E825	24	24		7		8		8		1	
60 Home accidents .... (Home) E850-E949	16	16		1		7		7		1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	24	23	1	6		6		11			1
62 Suicide E950-E959	16	16		8		3		5			
63 Homicide and legal intervention ... E960-E978	5	5		3				2			
64 Other external causes E930-E999	1	1						1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 2

Cause of Death	Planning District 2			Buchanan		Dickenson		Russell		Tazewell	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,167	1,144	23	263		178	1	261	2	442	20
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009	1	1								1	
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	2	2		1						1	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139											
13 Malignant neoplasms 140-208	209	203	6	38		33	1	45		87	5
14 Lip, oral cavity and pharynx 140-149	2	2		1		1					
15 Digestive organs and peritoneum ... 150-159	50	47	3	9		9		11		18	3
16 Respiratory & intrathoracic organs. 160-165	57	55	2	7		12		12		24	2
17 Breast 174-175	13	13		1				5		7	
18 Genital organs 179-187	22	21	1	4		4	1	4		9	
19 Urinary organs 188-189	8	8		2				2		4	
20 Other & unspecified sites . 170-173,190-199	38	38		8		6		8		16	
21 Leukemia 204-208	7	7		4				1		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	12	12		2		1		2		7	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	3		1						2	
24 Diabetes mellitus 250	6	6		1				3		2	
25 Nutritional deficiencies 260-269	3	3						1		2	
26 Anemias 280-285	3	3				1		1		1	
27 Meningitis 320-322	2	2				1				1	
28 Major cardiovascular diseases 390-448	542	530	12	112		82		143	1	193	11
29 Diseases of heart 390-398,402,404-429	440	431	9	98		62		110		161	9
30 Rheumatic fever and rheumatic heart disease 390-398	3	3		1		1				1	
31 Hypertensive heart disease 402	8	8		2		1		1		4	
32 Hypertensive heart & renal disease .. 404	6	6		2		1		3			
33 Ischemic heart disease 410-414	339	335	4	86		46		83		120	4
34 Acute myocardial infarction 410	237	233	4	74		36		46		77	4
35 Other ischemic heart disease .. 411-414	102	102		12		10		37		43	
36 Other diseases of endocardium 424	2	1	1							1	1
37 All other forms of heart disease 415-423,425-429	82	78	4	7		13		23		35	4
38 Hypertension 401,403	1	1						1			
39 Cerebrovascular diseases 430-438	82	80	2	12		12		27		29	2
40 Atherosclerosis 440	10	9	1	1		4		2	1	2	
41 Othér diseases of arteries, arterioles, and capillaries 441-448	9	9		1		4		3		1	
42 Acute bronchitis and bronchiolitis 466	1	1						1			
43 Pneumonia and influenza 480-487	33	33		8		4		6		15	
44 Chronic obstructive pulmonary diseases. 490-496	49	48	1	11		5		9		23	1
45 Ulcer of stomach and duodenum 531-533	3	3						1		2	
46 Appendicitis 540-543	1	1								1	
47 Hernia & intestinal obstruction . 550-553,560	3	3		1		1				1	
48 Chronic liver disease and cirrhosis 571	16	16		2		2		3		9	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1				1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	6	1	2		1		1		2	1
51 Infections of kidney 590	1	1								1	
52 Hyperplasia of prostate 600	1	1		1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	8	8		2		3				3	
55 Certain conditions originating in the perinatal period 760-779	21	21		4		3		2		12	
56 Symptoms and ill-defined conditions . 780-799	10	9	1	2		2		1		4	1
57 All other diseases .... Residual	73	73		22		12		10		29	
58 Accidents E800-E949	128	127	1	44		19		22	1	42	
59 Motor vehicle accidents E810-E825	64	64		23		11		11		19	
60 Home accidents .... (Home) E850-E949	18	17	1	6		1			1	10	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	46	46		15		7		11		13	
62 Suicide E950-E959	24	24		3		5		10		6	
63 Homicide and legal intervention ... E960-E978	16	15	1	8		3		2		2	1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 3

Cause of Death	Planning District 3			Bland		Carroll		Grayson		Smyth	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,790	1,734	56	54	1	239	1	157	3	321	4
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009	1	1									
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	9	9								5	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	3	3				1		1			
13 Malignant neoplasms 140-208	321	310	11	8	1	42	1	26	1	62	3
14 Lip, oral cavity and pharynx 140-149	3	2	1					1		1	
15 Digestive organs and peritoneum ... 150-159	84	80	4			11		10		16	2
16 Respiratory & intrathoracic organs. 160-165	95	93	2	4		10	1	6		20	1
17 Breast 174-175	25	24	1	1		1		2		1	
18 Genital organs 179-187	35	32	3		1	4		1	1	7	
19 Urinary organs 188-189	11	11		1				1		3	
20 Other & unspecified sites . 170-173,190-199	43	43		1		9		3		9	
21 Leukemia 204-208	11	11		1		2				3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	14	14				5		2		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	5	2							2	
24 Diabetes mellitus 250	25	24	1			4		1		6	
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	2	2								1	
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	926	898	28	19		125		80	1	167	1
29 Diseases of heart 390-398,402,404-429	709	687	22	12		87		59	1	143	1
30 Rheumatic fever and rheumatic heart disease 390-398	8	8								1	
31 Hypertensive heart disease 402	25	24	1	1		2		2		7	
32 Hypertensive heart & renal disease .. 404	3	1	2							1	
33 Ischemic heart disease 410-414	526	510	16	8		68		45	1	92	1
34 Acute myocardial infarction 410	347	342	5	4		50		33		58	
35 Other ischemic heart disease .. 411-414	179	168	11	4		18		12	1	34	1
36 Other diseases of endocardium 424	3	3						1			
37 All other forms of heart disease 415-423,425-429	144	141	3	3		17		11		42	
38 Hypertension 401,403	6	5	1					1			
39 Cerebrovascular diseases 430-438	169	164	5	6		27		18		18	
40 Atherosclerosis 440	20	20				5				2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	22	22		1		6		2		4	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	72	72		5		12		6		10	
44 Chronic obstructive pulmonary diseases. 490-496	57	57		3		7		6		11	
45 Ulcer of stomach and duodenum 531-533	6	6								3	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	4	4						1			
48 Chronic liver disease and cirrhosis 571	18	17	1	1		1		2		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	6	6				1		1		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	19	15	4	3		1		2	1	1	
51 Infections of kidney 590	1	1								1	
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	8	8		1		1				2	
55 Certain conditions originating in the perinatal period 760-779	15	15		1		1		1		2	
56 Symptoms and ill-defined conditions . 780-799	15	13	2					2		2	
57 All other diseases .... Residual	112	108	4	3		16		11		22	
58 Accidents E800-E949	113	110	3	7		21		13		13	
59 Motor vehicle accidents E810-E825	48	47	1	3		12		7		5	
60 Home accidents .... (Home) E850-E949	24	23	1	1		2		4		3	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	41	40	1	3		7		2		5	
62 Suicide E950-E959	41	41		2		5		3		6	
63 Homicide and legal intervention ... E960-E978	9	9		1		1		1		1	
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 3 (continued)

Cause of Death	Washington		Wythe		Bristol		Galax	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	404	16	266	12	225	16	68	3
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009			1					
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	2		2					
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139	1							
13 Malignant neoplasms 140-208	69	2	47	1	43	2	13	
14 Lip, oral cavity and pharynx 140-149						1		
15 Digestive organs and peritoneum ... 150-159	21	1	11		8	1	3	
16 Respiratory & intrathoracic organs. 160-165	21		14		13		5	
17 Breast 174-175	8		6	1	4		1	
18 Genital organs 179-187	6	1	6		7		1	
19 Urinary organs 188-189	3		2				1	
20 Other & unspecified sites . 170-173,190-199	6		5		9		1	
21 Leukemia 204-208	2		2				1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		1		2			
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		2			2		
24 Diabetes mellitus 250	4		6		2	1	1	
25 Nutritional deficiencies 260-269								
26 Anemias 280-285	1							
27 Meningitis 320-322								
28 Major cardiovascular diseases 390-448	215	12	128	6	124	7	40	1
29 Diseases of heart 390-398,402,404-429	164	9	98	4	94	6	30	1
30 Rheumatic fever and rheumatic heart disease 390-398	3		2		2			
31 Hypertensive heart disease 402	4	1			8			
32 Hypertensive heart & renal disease .. 404						2		
33 Ischemic heart disease 410-414	126	7	78	4	69	2	24	1
34 Acute myocardial infarction 410	94	4	52	1	33		18	
35 Other ischemic heart disease .. 411-414	32	3	26	3	36	2	6	1
36 Other diseases of endocardium 424	1		1					
37 All other forms of heart disease 415-423,425-429	30	1	17		15	2	6	
38 Hypertension 401,403	1		2	1	1			
39 Cerebrovascular diseases 430-438	41	3	22	1	26	1	6	
40 Atherosclerosis 440	7		2		1		3	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		4		2		1	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	21		7		7		4	
44 Chronic obstructive pulmonary diseases. 490-496	8		9		9		4	
45 Ulcer of stomach and duodenum 531-533	2				1			
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560	1		1		1			
48 Chronic liver disease and cirrhosis 571	5		1		3	1	1	
49 Cholelithiasis and other disorders of gall bladder 574-575	2				1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	5	1	2	2			1	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1		1		2			
55 Certain conditions originating in the perinatal period 760-779	5		1		4			
56 Symptoms and ill-defined conditions . 780-799	1	1	7	1	1			
57 All other diseases .... Residual	23		18		13	3	2	1
58 Accidents E800-E949	24		22	2	9		1	1
59 Motor vehicle accidents E810-E825	7		11	1	2			
60 Home accidents .... (Home) E850-E949	8		3	1	2			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	9		8		5		1	1
62 Suicide E950-E959	11		9		4		1	
63 Homicide and legal intervention ... E960-E978	2		2		1			
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980

PLANNING DISTRICT 4

Cause of Death	Planning District 4			Floyd		Giles	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,024	955	69	97	4	170	8
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018	1		1				
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	4	4		1			
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	1	1					
11 Syphilis 090-097	1	1					
12 Other infectious & parasitic diseases .... Residual of 001-139	2	2				1	
13 Malignant neoplasms 140-208	199	179	20	20	1	27	2
14 Lip, oral cavity and pharynx 140-149	4	3	1				
15 Digestive organs and peritoneum ... 150-159	48	44	4	10		5	
16 Respiratory & intrathoracic organs. 160-165	46	40	6	2		12	1
17 Breast 174-175	14	12	2	1	1	2	
18 Genital organs 179-187	29	27	2	3		3	
19 Urinary organs 188-189	10	9	1			1	1
20 Other & unspecified sites . 170-173,190-199	27	24	3	2			
21 Leukemia 204-208	4	4					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	17	16	1	2		4	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	9	8	1			1	
24 Diabetes mellitus 250	20	19	1	1		3	
25 Nutritional deficiencies 260-269							
26 Anemias 280-285	1	1		1			
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	506	476	30	44	2	95	3
29 Diseases of heart 390-398,402,404-429	397	379	18	34	2	81	1
30 Rheumatic fever and rheumatic heart disease 390-398	4	4				2	
31 Hypertensive heart disease 402	3	3				1	
32 Hypertensive heart & renal disease .. 404	1	1					
33 Ischemic heart disease 410-414	259	248	11	22	1	51	1
34 Acute myocardial infarction 410	199	190	9	16	1	35	1
35 Other ischemic heart disease .. 411-414	60	58	2	6		16	
36 Other diseases of endocardium 424	8	8				1	
37 All other forms of heart disease 415-423,425-429	122	115	7	12	1	26	
38 Hypertension 401,403	2	2					
39 Cerebrovascular diseases 430-438	84	75	9	8		10	2
40 Atherosclerosis 440	12	10	2			1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	11	10	1	2		3	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	29	26	3	1		5	
44 Chronic obstructive pulmonary diseases. 490-496	39	38	1	1		7	
45 Ulcer of stomach and duodenum 531-533	7	5	2	2			
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	2	2					
48 Chronic liver disease and cirrhosis 571	8	8		2		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	11				1	
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676	1	1				1	
54 Congenital anomalies 740-759	10	10		1		1	
55 Certain conditions originating in the perinatal period 760-779	7	7					
56 Symptoms and ill-defined conditions . 780-799	8	7	1	3		2	
57 All other diseases .... Residual	55	50	5	11	1	4	2
58 Accidents E800-E949	71	68	3	7		11	1
59 Motor vehicle accidents E810-E825	28	28		5		2	
60 Home accidents .... (Home) E850-E949	9	8	1	1		2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	34	32	2	1		7	1
62 Suicide E950-E959	21	21		2		5	
63 Homicide and legal intervention ... E960-E978	9	8	1			2	
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980

PLANNING DISTRICT 4 (continued)

Cause of Death	Montgomery		Pulaski		Radford	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	294	15	301	30	93	12
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018				1		
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1		2			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070					1	
11 Syphilis 090-097	1					
12 Other infectious & parasitic diseases .... Residual of 001-139					1	
13 Malignant neoplasms 140-208	58	3	56	9	18	5
14 Lip, oral cavity and pharynx 140-149	2	1	1			
15 Digestive organs and peritoneum ... 150-159	13		13	2	3	2
16 Respiratory & intrathoracic organs. 160-165	12	1	10	3	4	1
17 Breast 174-175	5	1	4			
18 Genital organs 179-187	8		10		3	2
19 Urinary organs 188-189	5		2		1	
20 Other & unspecified sites . 170-173,190-199	6		12	3	4	
21 Leukemia 204-208	4					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3		4	1	3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6		1	1		
24 Diabetes mellitus 250	7		5	1	3	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	139	7	153	11	45	7
29 Diseases of heart 390-398,402,404-429	112	6	123	6	29	3
30 Rheumatic fever and rheumatic heart disease 390-398			1		1	
31 Hypertensive heart disease 402	1		1			
32 Hypertensive heart & renal disease .. 404			1			
33 Ischemic heart disease 410-414	73	2	81	4	21	3
34 Acute myocardial infarction 410	55	1	67	4	17	2
35 Other ischemic heart disease .. 411-414	18	1	14		4	1
36 Other diseases of endocardium 424	4		2		1	
37 All other forms of heart disease 415-423,425-429	34	4	37	2	6	
38 Hypertension 401,403	1				1	
39 Cerebrovascular diseases 430-438	23		25	4	9	3
40 Atherosclerosis 440		1	5	1	4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	3				2	1
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	9		6	3	5	
44 Chronic obstructive pulmonary diseases. 490-496	16	1	11		3	
45 Ulcer of stomach and duodenum 531-533	2	1	1	1		
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560			1		1	
48 Chronic liver disease and cirrhosis 571	1		2			
49 Cholelithiasis and other disorders of gall bladder 574-575			1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2		6		2	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	3		3		2	
55 Certain conditions originating in the perinatal period 760-779	3		4			
56 Symptoms and ill-defined conditions . 780-799			2	1		
57 All other diseases .... Residual	13	1	16	1	6	
58 Accidents E800-E949	22	1	23	1	5	
59 Motor vehicle accidents E810-E825	13		7		1	
60 Home accidents .... (Home) E850-E949	2		2	1	1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	7	1	14		3	
62 Suicide E950-E959	7		6		1	
63 Homicide and legal intervention ... E960-E978	4	1	2			
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 5

Cause of Death	Planning District 5			Alleghany		Botetourt		Craig		Roanoke	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,536	2,195	341	119	2	171	13	35	1	513	17
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections 007-009											
3 Tuberculosis, all forms 010-018	1		1								
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1									
7 Septicemia 038	25	22	3					1		4	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1		1							
11 Syphilis 090-097	2	2									
12 Other infectious & parasitic diseases Residual of 001-139	4	3	1					1			
13 Malignant neoplasms 140-208	521	456	65	30		38	3	4		108	3
14 Lip, oral cavity and pharynx 140-149	20	17	3	1		1				3	
15 Digestive organs and peritoneum 150-159	113	98	15	7		10		1		22	
16 Respiratory & intrathoracic organs 160-165	130	116	14	7		11	1			30	1
17 Breast 174-175	45	38	7	1						14	
18 Genital organs 179-187	66	56	10	6		4	1			10	
19 Urinary organs 188-189	37	34	3	3		4		2		10	1
20 Other & unspecified sites 170-173,190-199	66	55	11	4		4	1			10	1
21 Leukemia 204-208	18	18		1		1				3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	26	24	2			3		1		6	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	7		1						3	
24 Diabetes mellitus 250	43	30	13	3		5		2		7	
25 Nutritional deficiencies 260-269	5	4	1							1	
26 Anemias 280-285	2	2				1				1	
27 Meningitis 320-322	1		1								
28 Major cardiovascular diseases 390-448	1,282	1,120	162	54	2	91	6	20		248	11
29 Diseases of heart 390-398,402,404-429	984	865	119	41	2	69	5	16		186	8
30 Rheumatic fever and rheumatic heart disease 390-398	9	9		1		1		1			
31 Hypertensive heart disease 402	23	16	7			2				5	1
32 Hypertensive heart & renal disease 404	2	2		1							
33 Ischemic heart disease 410-414	721	638	83	31	1	48	5	11		130	4
34 Acute myocardial infarction 410	357	324	33	14		22		7		77	3
35 Other ischemic heart disease 411-414	364	314	50	17	1	26	5	4		53	1
36 Other diseases of endocardium 424	8	7	1	2						1	
37 All other forms of heart disease 415-423,425-429	221	193	28	6	1	18		4		50	3
38 Hypertension 401,403	4	3	1							1	
39 Cerebrovascular diseases 430-438	233	205	28	13		18		4		49	1
40 Atherosclerosis 440	37	28	9			3				8	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	24	19	5			1	1			4	
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	90	78	12	2		5	1			19	2
44 Chronic obstructive pulmonary diseases 490-496	91	81	10	5		2	1	1	1	21	
45 Ulcer of stomach and duodenum 531-533	5	4	1								
46 Appendicitis 540-543	2	2								2	
47 Hernia & intestinal obstruction 550-553,560	4	4								1	
48 Chronic liver disease and cirrhosis 571	38	32	6	1		2		1		8	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3		1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	15	14	1	1						8	
51 Infections of kidney 590	3	3				1					
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	14	10	4	1						6	
55 Certain conditions originating in the perinatal period 760-779	16	11	5					1		4	
56 Symptoms and ill-defined conditions 780-799	16	14	2	1		1				3	
57 All other diseases Residual	145	118	27	7		7	1			24	
58 Accidents E800-E949	121	108	13	8		12	1	1		28	1
59 Motor vehicle accidents E810-E825	48	46	2	6		3		1		11	1
60 Home accidents (Home) E850-E949	31	26	5	1		5				8	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	42	36	6	1		4	1			9	
62 Suicide E950-E959	50	45	5	1		3		3		15	
63 Homicide and legal intervention E960-E978	26	18	8	1		3				2	
64 Other external causes E980-E999	2	2		1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 5 (continued)

Cause of Death	Clifton Forge		Covington		Roanoke City		Salem	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	73	13	105	17	966	261	213	17
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009								
3 Tuberculosis, all forms 010-018						1		
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036					1			
7 Septicemia 038	1		1		14	3	1	
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097					1		1	
12 Other infectious & parasitic diseases .... Residual of 001-139					1	1	1	
13 Malignant neoplasms 140-208	18	2	13	3	202	50	43	4
14 Lip, oral cavity and pharynx 140-149	1		1		9	3	1	
15 Digestive organs and peritoneum ... 150-159	1		3	1	46	14	8	
16 Respiratory & intrathoracic organs. 160-165	4		4		44	12	16	
17 Breast 174-175			3	1	18	5	2	1
18 Genital organs 179-187	4	1	1	1	24	6	7	1
19 Urinary organs 188-189	4	1			10	1	1	
20 Other & unspecified sites . 170-173,190-199	4		1		30	8	2	1
21 Leukemia 204-208					9		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203					12	1	2	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239					3			
24 Diabetes mellitus 250		1	2	2	8	10	3	
25 Nutritional deficiencies 260-269					3	1		
26 Anemias 280-285								
27 Meningitis 320-322						1		
28 Major cardiovascular diseases 390-448	41	10	66	6	493	120	107	7
29 Diseases of heart 390-398,402,404-429	37	6	53	5	378	89	85	4
30 Rheumatic fever and rheumatic heart disease 390-398	1		1		4			
31 Hypertensive heart disease 402		1			9	5		
32 Hypertensive heart & renal disease .. 404					1			
33 Ischemic heart disease 410-414	28	3	43	5	281	62	66	3
34 Acute myocardial infarction 410	9	1	19	2	142	25	34	2
35 Other ischemic heart disease .. 411-414	19	2	24	3	139	37	32	1
36 Other diseases of endocardium 424					2	1	2	
37 All other forms of heart disease 415-423,425-429	8	2	9		81	21	17	1
38 Hypertension 401,403					2	1		
39 Cerebrovascular diseases 430-438	4	3	10		89	22	18	2
40 Atherosclerosis 440					15	6	2	1
41 Other diseases of arteries, arterioles, and capillaries 441-448		1	3	1	9	2	2	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	3		2		37	9	10	
44 Chronic obstructive pulmonary diseases. 490-496	1		5		40	8	6	
45 Ulcer of stomach and duodenum 531-533					3	1	1	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560	1				2			
48 Chronic liver disease and cirrhosis 571			1	2	15	4	4	
49 Cholelithiasis and other disorders of gall bladder 574-575					2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		4	1		
51 Infections of kidney 590					1		1	
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759					2	3	1	1
55 Certain conditions originating in the perinatal period 760-779				1	4	4	2	
56 Symptoms and ill-defined conditions . 780-799			2		5	2	2	
57 All other diseases .... Residual	2		5	3	60	20	13	3
58 Accidents E800-E949	6		4		39	11	10	
59 Motor vehicle accidents E810-E825	3		3		14	1	5	
60 Home accidents .... (Home) E850-E949	2				8	5	2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	1		1		17	5	3	
62 Suicide E950-E959			3		16	4	4	1
63 Homicide and legal intervention ... E960-E978					10	7	2	1
64 Other external causes E980-E999							1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 6

Cause of Death	Planning District 6			Augusta		Bath		Highland		Rockbridge	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Ncnwh
All causes	1,857	1,750	107	444	20	57	13	23		179	5
1 Shigellosis and amebiasis 004,006	1	1									
2 Certain other intestinal infections . 007-009	1		1				1				
3 Tuberculosis, all forms 010-018	3	3		1						1	
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	16	16		4				1			
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	5	5		2						1	
13 Malignant neoplasms 140-208	388	363	25	93	4	14	2	2		37	1
14 Lip, oral cavity and pharynx 140-149	5	3	2	2							
15 Digestive organs and peritoneum ... 150-159	97	90	7	19	2	2	1	1		9	
16 Respiratory & intrathoracic organs. 160-165	95	88	7	28	1	4	1	1		9	1
17 Breast 174-175	28	26	2	5		2				4	
18 Genital organs 179-187	50	47	3	13		3				2	
19 Urinary organs 188-189	14	14		3						4	
20 Other & unspecified sites . 170-173,190-199	57	54	3	13	1	1				5	
21 Leukemia 204-208	15	15		3						1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	27	26	1	7		2				3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1		1							
24 Diabetes mellitus 250	30	29	1	9						1	
25 Nutritional deficiencies 260-269	2	2		1						1	
26 Anemias 280-285	1	1									
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	938	885	53	218	8	29	9	11		100	3
29 Diseases of heart 390-398,402,404-429	689	646	43	157	7	22	8	8		79	2
30 Rheumatic fever and rheumatic heart disease 390-398	8	8		3						1	
31 Hypertensive heart disease 402	13	8	5		1	1	2			1	
32 Hypertensive heart & renal disease .. 404	3	3				1					
33 Ischemic heart disease 410-414	507	483	24	125	4	16	2	6		64	2
34 Acute myocardial infarction 410	304	291	13	65	2	6	2	5		42	2
35 Other ischemic heart disease .. 411-414	203	192	11	60	2	10		1		22	
36 Other diseases of endocardium 424	7	7								1	
37 All other forms of heart disease 415-423,425-429	151	137	14	29	2	4	4	2		12	
38 Hypertension 401,403	8	5	3	3		1	1				
39 Cerebrovascular diseases 430-438	199	193	6	48	1	5		3		15	
40 Atherosclerosis 440	26	25	1	7		1				3	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	16	16		3						3	
42 Acute bronchitis and bronchiolitis 466	1	1		1							
43 Pneumonia and influenza 480-487	72	65	7	19	1			2		4	
44 Chronic obstructive pulmonary diseases. 490-496	41	39	2	10		2		1		1	
45 Ulcer of stomach and duodenum 531-533	13	13		1		1				3	
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	4	4		1						1	
48 Chronic liver disease and cirrhosis 571	26	22	4	6	1	1		1		4	
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	10	1	2				1			
51 Infections of kidney 590	3	3		1							
52 Hyperplasia of prostate 600	1	1									
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	12	12		2				1		1	
55 Certain conditions originating in the perinatal period 760-779	15	14	1	1		1				2	
56 Symptoms and ill-defined conditions . 780-799	15	15		1		2				1	
57 All other diseases .... Residual	121	116	5	30	2	4				8	
58 Accidents E800-E949	98	94	4	29	1	2	1	1		9	1
59 Motor vehicle accidents E810-E825	48	46	2	14	1	1		1		4	
60 Home accidents .... (Home) E850-E949	21	21		7						2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	29	27	2	8		1	1			3	1
62 Suicide E950-E959	26	26		5		1		2		4	
63 Homicide and legal intervention ... E960-E978	10	7	3	5	3						
64 Other external causes E980-E999	2	2		1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 6 (continued)

Cause of Death	Rockingham		Buena Vista		Harrisonburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	421	9	57	1	131	7
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018	1					
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	4				1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139					2	
13 Malignant neoplasms 140-208	76	1	10		29	2
14 Lip, oral cavity and pharynx 140-149						
15 Digestive organs and peritoneum ... 150-159	23	1			11	
16 Respiratory & intrathoracic organs. 160-165	15		1		3	1
17 Breast 174-175	6		2		1	1
18 Genital organs 179-187	11		2		5	
19 Urinary organs 188-189	3					
20 Other & unspecified sites . 170-173,190-199	9		3		6	
21 Leukemia 204-208	5		1		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4		1		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	10		2		4	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285	1					
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	226	4	31		59	3
29 Diseases of heart 390-398,402,404-429	166	1	23		45	2
30 Rheumatic fever and rheumatic heart disease 390-398	2				1	
31 Hypertensive heart disease 402	2				2	
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	112	1	15		27	2
34 Acute myocardial infarction 410	84	1	10		22	2
35 Other ischemic heart disease .. 411-414	28		5		5	
36 Other diseases of endocardium 424	2				1	
37 All other forms of heart disease 415-423,425-429	48		8		14	
38 Hypertension 401,403						
39 Cerebrovascular diseases 430-438	52	3	7		12	1
40 Atherosclerosis 440	4		1		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4					
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	19	3			10	1
44 Chronic obstructive pulmonary diseases. 490-496	8				4	1
45 Ulcer of stomach and duodenum 531-533	2				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560	1					
48 Chronic liver disease and cirrhosis 571	2		1			
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2			1	1	
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	5				2	
55 Certain conditions originating in the perinatal period 760-779	2		1		1	
56 Symptoms and ill-defined conditions . 780-799	4		4			
57 All other diseases .... Residual	32		2		11	
58 Accidents E800-E949	25	1	4		3	
59 Motor vehicle accidents E810-E825	15	1	1		1	
60 Home accidents .... (Home) E850-E949	3		1			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	7		2		2	
62 Suicide E950-E959	1		1		3	
63 Homicide and legal intervention ... E960-E978			1			
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 6 (continued)

Cause of Death	Lexington		Staunton		Waynesboro	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	55	15	226	30	157	7
1 Shigellosis and amebiasis 004,006			1			
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1				5	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139						
13 Malignant neoplasms 140-208	11	3	48	9	43	3
14 Lip, oral cavity and pharynx 140-149			1	2		
15 Digestive organs and peritoneum ... 150-159	3		13	1	9	2
16 Respiratory & intrathoracic organs. 160-165	6		8	2	13	1
17 Breast 174-175	1	1	2		3	
18 Genital organs 179-187			8	3	3	
19 Urinary organs 188-189			1		3	
20 Other & unspecified sites . 170-173,190-199		1	9	1	8	
21 Leukemia 204-208	1		2		1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203		1	4		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250	2		1	1		
25 Nutritional deficiencies 260-269						
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	27	7	113	17	71	2
29 Diseases of heart 390-398,402,404-429	21	7	78	14	47	2
30 Rheumatic fever and rheumatic heart disease 390-398			1			
31 Hypertensive heart disease 402	1		1	1		1
32 Hypertensive heart & renal disease .. 404			1		1	
33 Ischemic heart disease 410-414	16	4	64	8	38	1
34 Acute myocardial infarction 410	7	2	32	2	18	
35 Other ischemic heart disease .. 411-414	9	2	32	6	20	1
36 Other diseases of endocardium 424			2		1	
37 All other forms of heart disease 415-423,425-429	4	3	9	5	7	
38 Hypertension 401,403				2	1	
39 Cerebrovascular diseases 430-438	5		26	1	20	
40 Atherosclerosis 440	1		5		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448			4		2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2	2	5		4	
44 Chronic obstructive pulmonary diseases. 490-496	3		7	1	3	
45 Ulcer of stomach and duodenum 531-533			4		1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560					1	
48 Chronic liver disease and cirrhosis 571		3	7			
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			3		1	
51 Infections of kidney 590					2	
52 Hyperplasia of prostate 600					1	
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759			1			
55 Certain conditions originating in the perinatal period 760-779	1		2	1	3	
56 Symptoms and ill-defined conditions . 780-799	1		1		1	
57 All other diseases .... Residual	5		17	1	7	2
58 Accidents E800-E949	1		11		9	
59 Motor vehicle accidents E810-E825			5		4	
60 Home accidents .... (Home) E850-E949	1		4		3	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949			2		2	
62 Suicide E950-E959	1		5		3	
63 Homicide and legal intervention ... E960-E978					1	
64 Other external causes E980-E999					1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 7

Cause of Death	Planning District 7			Clarke		Frederick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,300	1,248	52	92	13	206	2
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections 007-009							
3 Tuberculosis, all forms 010-018	2	2					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	5	5					
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases Residual of 001-139	4	4		2			
13 Malignant neoplasms 140-208	278	261	17	13	3	40	
14 Lip, oral cavity and pharynx 140-149	7	6	1			1	
15 Digestive organs and peritoneum 150-159	62	58	4	1	1	8	
16 Respiratory & intrathoracic organs. 160-165	99	93	6	4	1	14	
17 Breast 174-175	27	25	2	1		3	
18 Genital organs 179-187	24	21	3	2	1	4	
19 Urinary organs 188-189	4	4					
20 Other & unspecified sites 170-173,190-199	28	27	1	2		5	
21 Leukemia 204-208	9	9		1		3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	18	18		2		2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	8	7	1			2	
24 Diabetes mellitus 250	33	27	6	4	2	4	
25 Nutritional deficiencies 260-269							
26 Anemias 280-285	1	1					
27 Meningitis 320-322	2	1	1		1		
28 Major cardiovascular diseases 390-448	658	642	16	47	5	103	1
29 Diseases of heart 390-398,402,404-429	525	515	10	36	3	85	1
30 Rheumatic fever and rheumatic heart disease 390-398	1	1					
31 Hypertensive heart disease 402	12	8	4		1	3	
32 Hypertensive heart & renal disease 404	3	3		1			
33 Ischemic heart disease 410-414	364	361	3	24		68	
34 Acute myocardial infarction 410	221	219	2	20		37	
35 Other ischemic heart disease 411-414	143	142	1	4		31	
36 Other diseases of endocardium 424	8	8				2	
37 All other forms of heart disease 415-423,425-429	137	134	3	11	2	12	1
38 Hypertension 401,403							
39 Cerebrovascular diseases 430-438	107	102	5	10	2	15	
40 Atherosclerosis 440	11	11				1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	15	14	1	1		2	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	36	35	1	1		5	
44 Chronic obstructive pulmonary diseases. 490-496	30	30		1		6	
45 Ulcer of stomach and duodenum 531-533	5	5				1	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction 550-553,560	7	5	2	1			
48 Chronic liver disease and cirrhosis 571	26	26		4		7	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	3	1			1	
51 Infections of kidney 590	3	3				1	
52 Hyperplasia of prostate 600	2	2					
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	5	5		1			
55 Certain conditions originating in the perinatal period 760-779	10	10		3		1	
56 Symptoms and ill-defined conditions 780-799	6	6				2	
57 All other diseases Residual	83	80	3	6	2	16	
58 Accidents E800-E949	52	48	4	6		8	1
59 Motor vehicle accidents E810-E825	24	22	2	5		3	
60 Home accidents (Home) E850-E949	11	11		1		1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	17	15	2			4	1
62 Suicide E950-E959	27	27		2		8	
63 Homicide and legal intervention E960-E978	8	8		1		1	
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980

PLANNING DISTRICT 7 (continued)

Cause of Death	Page		Shenandoah		Warren		Winchester	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	221	5	311	2	184	14	234	16
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009								
3 Tuberculosis, all forms 010-018	2							
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1		2		2			
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139	1		1					
13 Malignant neoplasms 140-208	41	2	65	1	43	3	59	8
14 Lip, oral cavity and pharynx 140-149			2		2		1	1
15 Digestive organs and peritoneum ... 150-159	11	1	19		9		10	2
16 Respiratory & intrathoracic organs. 160-165	13		17	1	18	2	27	2
17 Breast 174-175	3		8		4		6	2
18 Genital organs 179-187	2		5		5	1	3	1
19 Urinary organs 188-189	2		1				1	
20 Other & unspecified sites . 170-173,190-199	5	1	8		3		4	
21 Leukemia 204-208	1						4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4		5		2		3	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1		2			1	2	
24 Diabetes mellitus 250	6		2	1	2	2	9	1
25 Nutritional deficiencies 260-269								
26 Anemias 280-285	1							
27 Meningitis 320-322					1			
28 Major cardiovascular diseases 390-448	121	2	180		86	5	105	3
29 Diseases of heart 390-398,402,404-429	102	1	149		70	3	73	2
30 Rheumatic fever and rheumatic heart disease 390-398			1					
31 Hypertensive heart disease 402	1		1		2	1	1	2
32 Hypertensive heart & renal disease .. 404	1				1			
33 Ischemic heart disease 410-414	79	1	101		39	2	50	
34 Acute myocardial infarction 410	37		78		19	2	28	
35 Other ischemic heart disease .. 411-414	42	1	23		20		22	
36 Other diseases of endocardium 424			2		2		2	
37 All other forms of heart disease 415-423,425-429	21		44		26		20	
38 Hypertension 401,403								
39 Cerebrovascular diseases 430-438	15		22		12	2	28	1
40 Atherosclerosis 440	1		6		1		2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	3	1	3		3		2	
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	4		9		4	1	12	
44 Chronic obstructive pulmonary diseases. 490-496	2		5		7		9	
45 Ulcer of stomach and duodenum 531-533	2						2	
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560	1		2				1	2
48 Chronic liver disease and cirrhosis 571	2		4		3		6	
49 Cholelithiasis and other disorders of gall bladder 574-575	1				1		3	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1		1			1		
51 Infections of kidney 590	1				1			
52 Hyperplasia of prostate 600	2							
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759	1		1				2	
55 Certain conditions originating in the perinatal period 760-779			1		4		1	
56 Symptoms and ill-defined conditions . 780-799	1				1		2	
57 All other diseases .... Residual	13		21		12		12	1
58 Accidents E800-E949	7	1	11		11	1	5	1
59 Motor vehicle accidents E810-E825	2		5		5	1	2	1
60 Home accidents .... (Home) E850-E949	2		3		4			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	3	1	3		2		3	
62 Suicide E950-E959	6		3		5		3	
63 Homicide and legal intervention ... E960-E978	3		1		1		1	
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980

PLANNING DISTRICT 8

Cause of Death	Planning District 8			Arlington		Fairfax		Loudoun		Prince William	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	5,527	4,995	532	1,059	100	2,253	156	278	44	444	51
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009	1	1				1					
3 Tuberculosis, all forms 010-018	6	3	3	1	2			2			1
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036	1	1				1					
7 Septicemia 038	31	30	1	8		8	1	2		5	
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	6	5	1		1	2				1	
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	13	11	2	4		4	1				
13 Malignant neoplasms 140-208	1,449	1,329	120	261	26	660	35	63	11	109	9
14 Lip, oral cavity and pharynx 140-149	38	37	1	7		16	1			3	
15 Digestive organs and peritoneum ... 150-159	349	308	41	63	12	159	13	7	3	25	1
16 Respiratory & intrathoracic organs. 160-165	379	346	33	68	8	158	3	20	4	30	4
17 Breast 174-175	134	128	6	25		62	2	5		9	1
18 Genital organs 179-187	162	140	22	36	4	71	9	9	2	9	2
19 Urinary organs 188-189	46	45	1	10		18		3	1	6	
20 Other & unspecified sites . 170-173,190-199	212	203	9	31	1	113	3	11	1	16	1
21 Leukemia 204-208	62	58	4	9		30	3	5		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	67	64	3	12	1	33	1	3		7	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	26	23	3	7	1	7		3		4	
24 Diabetes mellitus 250	93	79	14	15	4	36	4	3	1	10	1
25 Nutritional deficiencies 260-269	4	4				1		1			
26 Anemias 280-285	11	8	3	2		5	1		2		
27 Meningitis 320-322	2	2		1							
28 Major cardiovascular diseases 390-448	2,432	2,212	220	521	39	961	67	129	17	157	26
29 Diseases of heart 390-398,402,404-429	1,859	1,693	166	401	35	717	48	105	11	127	21
30 Rheumatic fever and rheumatic heart disease 390-398	23	22	1	3		15		2		1	
31 Hypertensive heart disease 402	48	42	6	9	1	20		2	1	3	2
32 Hypertensive heart & renal disease .. 404	7	6	1	2		1					
33 Ischemic heart disease 410-414	1,320	1,209	111	288	26	516	32	78	8	91	10
34 Acute myocardial infarction 410	597	544	53	107	11	264	13	40	7	53	8
35 Other ischemic heart disease .. 411-414	723	665	58	181	15	252	19	38	1	38	2
36 Other diseases of endocardium 424	33	33		9		16				2	
37 All other forms of heart disease 415-423,425-429	428	381	47	90	8	149	16	23	2	30	9
38 Hypertension 401,403	21	19	2	4		9	1			1	
39 Cerebrovascular diseases 430-438	422	379	43	89	3	176	15	18	4	17	4
40 Atherosclerosis 440	78	75	3	21		34	1	4	2	6	
41 Other diseases of arteries, arterioles, and capillaries 441-448	52	46	6	6	1	25	2	2		6	1
42 Acute bronchitis and bronchiolitis 466	2	1	1	1							
43 Pneumonia and influenza 480-487	120	114	6	26		38	3	5	2	12	
44 Chronic obstructive pulmonary diseases. 490-496	148	136	12	35	1	52	2	5	1	11	1
45 Ulcer of stomach and duodenum 531-533	11	11		2		2				2	
46 Appendicitis 540-543	1		1								
47 Hernia & intestinal obstruction . 550-553,560	13	11	2	1		6	2			1	
48 Chronic liver disease and cirrhosis 571	99	78	21	17	4	25	7	3	1	11	
49 Cholelithiasis and other disorders of gall bladder 574-575	6	5	1	2	1			2			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	41	34	7	9	1	12	2	3		5	2
51 Infections of kidney 590	6	6		2		2		1			
52 Hyperplasia of prostate 600	2	2				1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	63	58	5	7	1	26	1	3		14	
55 Certain conditions originating in the perinatal period 760-779	90	65	25	6		38	10	2	3	7	4
56 Symptoms and ill-defined conditions . 780-799	41	36	5	3	1	20		4		3	1
57 All other diseases .... Residual	307	275	32	59	8	122	6	13	3	27	2
58 Accidents E800-E949	313	282	31	36	6	129	8	23	3	48	4
59 Motor vehicle accidents E810-E825	150	134	16	14	2	65	5	14	1	24	2
60 Home accidents .... (Home) E850-E949	67	61	6	10	2	30	1	3	2	7	1
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	96	87	9	12	2	34	2	6		17	1
62 Suicide E950-E959	134	129	5	26	1	72	2	8		13	
63 Homicide and legal intervention ... E960-E978	51	40	11	7	3	21	4	3		2	
64 Other external causes E980-E999	4	4				1				2	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 8 (continued)

Cause of Death	Alexandria		Fairfax City		Falls Church		Manassas		Manassas Park	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	659	171	112	3	85	1	77	6	28	
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009										
3 Tuberculosis, all forms 010-018										
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038	6								1	
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070	2									
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139	1	1	1				1			
13 Malignant neoplasms 140-208	158	39	26		26		18		8	
14 Lip, oral cavity and pharynx 140-149	7		3		1					
15 Digestive organs and peritoneum ... 150-159	41	12	2		2		6		3	
16 Respiratory & intrathoracic organs. 160-165	42	14	11		9		6		2	
17 Breast 174-175	17	3	2		5		2		1	
18 Genital organs 179-187	9	5	2		2		1		1	
19 Urinary organs 188-189	5				3					
20 Other & unspecified sites . 170-173,190-199	23	3	4		3		2			
21 Leukemia 204-208	10	1								
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	4	1	2		1		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	2			1					
24 Diabetes mellitus 250	7	3	4			1	1		3	
25 Nutritional deficiencies 260-269	2									
26 Anemias 280-285	1									
27 Meningitis 320-322			1							
28 Major cardiovascular diseases 390-448	313	65	50	2	43		30	4	8	
29 Diseases of heart 390-398,402,404-429	253	46	34	1	31		18	4	7	
30 Rheumatic fever and rheumatic heart disease 390-398			1					1		
31 Hypertensive heart disease 402	5	2	2		1					
32 Hypertensive heart & renal disease .. 404	2	1	1							
33 Ischemic heart disease 410-414	176	33	24	1	19		10	1	7	
34 Acute myocardial infarction 410	56	13	14	1	5		3		2	
35 Other ischemic heart disease .. 411-414	120	20	10		14		7	1	5	
36 Other diseases of endocardium 424	3				1		2			
37 All other forms of heart disease 415-423,425-429	67	10	6		10		6	2		
38 Hypertension 401,403	3	1	1				1			
39 Cerebrovascular diseases 430-438	48	16	12	1	10		8		1	
40 Atherosclerosis 440	4		3		2		1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	5	2					2			
42 Acute bronchitis and bronchiolitis 466		1								
43 Pneumonia and influenza 480-487	28	1	2		2		1			
44 Chronic obstructive pulmonary diseases. 490-496	22	7	5		1		4		1	
45 Ulcer of stomach and duodenum 531-533	5									
46 Appendicitis 540-543		1								
47 Hernia & intestinal obstruction . 550-553,560	2		1							
48 Chronic liver disease and cirrhosis 571	19	9	2		1					
49 Cholelithiasis and other disorders of gall bladder 574-575	1									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	2	2		1					
51 Infections of kidney 590	1									
52 Hyperplasia of prostate 600					1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	2	3					3		3	
55 Certain conditions originating in the perinatal period 760-779	5	6	2	1	1		4	1		
56 Symptoms and ill-defined conditions . 780-799	6	3								
57 All other diseases .... Residual	32	13	8		6		4		4	
58 Accidents E800-E949	32	9	2		2		10	1		
59 Motor vehicle accidents E810-E825	8	6	2		2		5			
60 Home accidents .... (Home) E850-E949	9						2			
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	15	3					3	1		
62 Suicide E950-E959	6	2	4							
63 Homicide and legal intervention ... E960-E978	4	4	2				1			
64 Other external causes E980-E999	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 9

Cause of Death	Planning District 9			Culpeper		Fauquier	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	835	619	216	136	48	208	80
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018							
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	9	5	4	1	1	1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139	4	3	1				1
13 Malignant neoplasms 140-208	163	118	45	29	11	42	21
14 Lip, oral cavity and pharynx 140-149	6	4	2	1	1	1	
15 Digestive organs and peritoneum ... 150-159	43	31	12	14	1	7	6
16 Respiratory & intrathoracic organs. 160-165	45	32	13	3	2	14	9
17 Breast 174-175	13	10	3	4	1	5	2
18 Genital organs 179-187	24	17	7	1	3	6	2
19 Urinary organs 188-189	3	2	1	1	1	1	
20 Other & unspecified sites . 170-173,190-199	16	13	3	2	1	3	1
21 Leukemia 204-208	6	6		3		2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	3	4		1	3	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1	1			
24 Diabetes mellitus 250	12	10	2	1	1	4	1
25 Nutritional deficiencies 260-269	2	2		1			
26 Anemias 280-285							
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	433	337	96	70	22	113	29
29 Diseases of heart 390-398,402,404-429	307	234	73	43	16	84	22
30 Rheumatic fever and rheumatic heart disease 390-398	1	1					
31 Hypertensive heart disease 402	7	5	2		1	2	
32 Hypertensive heart & renal disease .. 404	1	1					
33 Ischemic heart disease 410-414	204	164	40	30	7	61	15
34 Acute myocardial infarction 410	121	101	20	17	3	33	6
35 Other ischemic heart disease .. 411-414	83	63	20	13	4	28	9
36 Other diseases of endocardium 424	3	3				1	
37 All other forms of heart disease 415-423,425-429	91	60	31	13	8	20	7
38 Hypertension 401,403	3	3		1		1	
39 Cerebrovascular diseases 430-438	93	73	20	19	5	18	7
40 Atherosclerosis 440	16	15	1	3	1	6	
41 Other diseases of arteries, arterioles, and capillaries 441-448	14	12	2	4		4	
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	27	17	10	5	2	7	7
44 Chronic obstructive pulmonary diseases. 490-496	16	15	1	6		5	1
45 Ulcer of stomach and duodenum 531-533	4	4		2		1	
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	2	1	1			1	
48 Chronic liver disease and cirrhosis 571	9	7	2			4	
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	6	3	3			2	2
51 Infections of kidney 590	1	1					
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759							
55 Certain conditions originating in the perinatal period 760-779	3		3				1
56 Symptoms and ill-defined conditions . 780-799	5	4	1	3			
57 All other diseases .... Residual	53	36	17	7	4	9	7
58 Accidents E800-E949	56	37	19	8	3	13	8
59 Motor vehicle accidents E810-E825	21	15	6	4	2	8	1
60 Home accidents .... (Home) E850-E949	13	5	8	2	1		6
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	22	17	5	2		5	1
62 Suicide E950-E959	11	9	2	2	2	2	
63 Homicide and legal intervention ... E960-E978	14	6	8		2	3	2
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 9 (continued)

Cause of Death	Madison		Orange		Rappahannock	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	81	23	165	56	29	9
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	2	3	1			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases Residual of 001-139	2		1			
13 Malignant neoplasms 140-208	13	1	31	9	3	3
14 Lip, oral cavity and pharynx 140-149			2	1		
15 Digestive organs and peritoneum ... 150-159	3	1	6	3	1	1
16 Respiratory & intrathoracic organs. 160-165	4		11	2		
17 Breast 174-175			1			
18 Genital organs 179-187	3		5	2	2	
19 Urinary organs 188-189						
20 Other & unspecified sites . 170-173,190-199	2		6			1
21 Leukemia 204-208	1					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203				1		1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1			1		
24 Diabetes mellitus 250	2		2		1	
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	39	10	96	30	19	5
29 Diseases of heart 390-398,402,404-429	26	8	64	23	17	4
30 Rheumatic fever and rheumatic heart disease 390-398			1			
31 Hypertensive heart disease 402	1	1	2			
32 Hypertensive heart & renal disease .. 404					1	
33 Ischemic heart disease 410-414	15	5	47	11	11	2
34 Acute myocardial infarction 410	14	3	32	7	5	1
35 Other ischemic heart disease .. 411-414	1	2	15	4	6	1
36 Other diseases of endocardium 424			2			
37 All other forms of heart disease 415-423,425-429	10	2	12	12	5	2
38 Hypertension 401,403	1					
39 Cerebrovascular diseases 430-438	11	2	25	5		1
40 Atherosclerosis 440	1		4		1	
41 Other diseases of arteries, arterioles, and capillaries 441-448			3	2	1	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	1	1	4			
44 Chronic obstructive pulmonary diseases. 490-496	2				2	
45 Ulcer of stomach and duodenum 531-533			1			
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560				1		
48 Chronic liver disease and cirrhosis 571			3	2		
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1			1		
51 Infections of kidney 590			1			
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759						
55 Certain conditions originating in the perinatal period 760-779				2		
56 Symptoms and ill-defined conditions . 780-799			1	1		
57 All other diseases Residual	9	3	10	3	1	
58 Accidents E800-E949	6	3	9	4	1	1
59 Motor vehicle accidents E810-E825		2	3			1
60 Home accidents (Home) E850-E949	1		2	1		
61 All other accidents ..... E800-E807,E826-E849 (Other) E850-E949	5	1	4	3	1	
62 Suicide E950-E959	2		2		1	
63 Homicide and legal intervention ... E960-E978	1	2	2	2		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 10

Cause of Death	Planning District 10			Albemarle		Fluvanna		Greene	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,187	916	271	283	66	54	33	45	11
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018	1	1							
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1		1					
7 Septicemia 038	11	7	4	2					
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1							
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	1	1							
13 Malignant neoplasms 140-208	240	180	60	57	17	7	6	10	1
14 Lip, oral cavity and pharynx 140-149	3	2	1	1					
15 Digestive organs and peritoneum ... 150-159	51	38	13	12	1	1	3	3	
16 Respiratory & intrathoracic organs. 160-165	56	43	13	14	4	2		3	
17 Breast 174-175	28	22	6	7	3	2	1	2	1
18 Genital organs 179-187	30	17	13	6	2	1	1		
19 Urinary organs 188-189	12	9	3	3	1				
20 Other & unspecified sites . 170-173,190-199	41	34	7	10	2		1	1	
21 Leukemia 204-208	8	8		3					
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	11	7	4	1	4	1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	6	3	3	1	2	1			
24 Diabetes mellitus 250	13	4	9	2	2	1	2	1	
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	1	1							
27 Meningitis 320-322	1	1							
28 Major cardiovascular diseases 390-448	577	462	115	130	31	31	14	23	5
29 Diseases of heart 390-398,402,404-429	409	333	76	103	19	23	8	14	3
30 Rheumatic fever and rheumatic heart disease 390-398	2	2							
31 Hypertensive heart disease 402	4	2	2						
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	275	238	37	73	9	15	1	10	
34 Acute myocardial infarction 410	148	132	16	34	2	10		8	
35 Other ischemic heart disease .. 411-414	127	106	21	39	7	5	1	2	
36 Other diseases of endocardium 424	6	5	1	2	1	2			
37 All other forms of heart disease 415-423,425-429	122	86	36	28	9	6	7	4	3
38 Hypertension 401,403	3	2	1	1	1				
39 Cerebrovascular diseases 430-438	131	98	33	17	9	8	6	8	2
40 Atherosclerosis 440	27	22	5	6	2			1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	7		3					
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	36	31	5	8		4	2		
44 Chronic obstructive pulmonary diseases. 490-496	27	23	4	11		1	1		
45 Ulcer of stomach and duodenum 531-533	1	1							
46 Appendicitis 540-543	1	1							
47 Hernia & intestinal obstruction . 550-553,560	4	4		1				1	
48 Chronic liver disease and cirrhosis 571	16	13	3	4					1
49 Cholelithiasis and other disorders of gall bladder 574-575	2	1	1						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	11	6	5	3	4	1			1
51 Infections of kidney 590	2	2							
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	8	7	1	4					
55 Certain conditions originating in the perinatal period 760-779	14	12	2	6					
56 Symptoms and ill-defined conditions . 780-799	15	11	4	2		1	2		
57 All other diseases .... Residual	86	56	30	19	6	2	2	2	2
58 Accidents E800-E949	78	58	20	22	2	4	4	6	1
59 Motor vehicle accidents E810-E825	42	33	9	16	2	1	1	2	
60 Home accidents .... (Home) E850-E949	16	10	6	1		1	2	4	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	20	15	5	5		2	1		1
62 Suicide E950-E959	19	19		7				1	
63 Homicide and legal intervention ... E960-E978	13	8	5	3	2	1			
64 Other external causes E980-E999	1	1						1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 10 (continued)

Cause of Death	Louisa		Nelson		Charlottesville	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	115	47	106	27	313	87
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018					1	
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	2	1	1	3	1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	1					
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139					1	
13 Malignant neoplasms 140-208	28	5	21	3	57	28
14 Lip, oral cavity and pharynx 140-149					1	1
15 Digestive organs and peritoneum ... 150-159	5	2	6		11	7
16 Respiratory & intrathoracic organs. 160-165	8	1	5	1	11	7
17 Breast 174-175	1		2		8	1
18 Genital organs 179-187	3	2	3	2	4	6
19 Urinary organs 188-189	2				4	2
20 Other & unspecified sites . 170-173,190-199	6		4		13	4
21 Leukemia 204-208	1				4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	2		1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					1	1
24 Diabetes mellitus 250				1		4
25 Nutritional deficiencies 260-269						
26 Anemias 280-285					1	
27 Meningitis 320-322					1	
28 Major cardiovascular diseases 390-448	61	22	63	14	154	29
29 Diseases of heart 390-398,402,404-429	41	16	48	10	104	20
30 Rheumatic fever and rheumatic heart disease 390-398			2			
31 Hypertensive heart disease 402					2	2
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	35	11	35	6	70	10
34 Acute myocardial infarction 410	22	7	27	5	31	2
35 Other ischemic heart disease .. 411-414	13	4	8	1	39	8
36 Other diseases of endocardium 424			1			
37 All other forms of heart disease 415-423,425-429	6	5	10	4	32	8
38 Hypertension 401,403					1	
39 Cerebrovascular diseases 430-438	15	5	12	3	38	8
40 Atherosclerosis 440	3	1	3	1	9	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	2				2	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	4	1	2	1	13	1
44 Chronic obstructive pulmonary diseases. 490-496	2	1	1	1	8	1
45 Ulcer of stomach and duodenum 531-533					1	
46 Appendicitis 540-543			1			
47 Hernia & intestinal obstruction . 550-553,560	1				1	
48 Chronic liver disease and cirrhosis 571			1	1	8	1
49 Cholelithiasis and other disorders of gall bladder 574-575		1			1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589			1		1	
51 Infections of kidney 590	1				1	
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	1		1		1	1
55 Certain conditions originating in the perinatal period 760-779	1		2		3	2
56 Symptoms and ill-defined conditions . 780-799	1	1	1	1	6	
57 All other diseases .... Residual	5	8	2	4	26	8
58 Accidents E800-E949	3	6	7		16	7
59 Motor vehicle accidents E810-E825	1	3	5		8	3
60 Home accidents .... (Home) E850-E949		1			4	3
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	2	2	2		4	1
62 Suicide E950-E959	4		1		6	
63 Homicide and legal intervention ... E960-E978	1		1		2	3
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 11

Cause of Death	Planning District 11			Amherst		Appomattox		Bedford	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	1,722	1,344	378	177	61	75	29	237	38
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1		1				
7 Septicemia 038	8	7	1			1		3	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1		1		1				
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	6	5	1					3	
13 Malignant neoplasms 140-208	345	258	87	26	10	14	11	47	9
14 Lip, oral cavity and pharynx 140-149	3		3						
15 Digestive organs and peritoneum ... 150-159	84	63	21	7	3	2	3	14	1
16 Respiratory & intrathoracic organs. 160-165	98	73	25	7	3	6	3	8	1
17 Breast 174-175	28	21	7	2		1		4	2
18 Genital organs 179-187	34	26	8	5		3	1	4	1
19 Urinary organs 188-189	4	4						2	
20 Other & unspecified sites . 170-173,190-199	50	37	13	4	2	1	1	6	3
21 Leukemia 204-208	16	13	3	1		1	1	2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	28	21	7		2		2	7	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	2	1						1
24 Diabetes mellitus 250	28	23	5	5	1	2		2	
25 Nutritional deficiencies 260-269	2	2						1	
26 Anemias 280-285	2	2		1				1	
27 Meningitis 320-322	1	1							
28 Major cardiovascular diseases 390-448	890	707	183	104	33	35	11	121	13
29 Diseases of heart 390-398,402,404-429	635	512	123	74	24	25	8	83	11
30 Rheumatic fever and rheumatic heart disease 390-398	3	3							
31 Hypertensive heart disease 402	21	12	9	2	2				
32 Hypertensive heart & renal disease .. 404	16	9	7	1	1		1		
33 Ischemic heart disease 410-414	444	384	60	58	16	20	5	68	5
34 Acute myocardial infarction 410	253	214	39	43	14	16	5	27	3
35 Other ischemic heart disease .. 411-414	191	170	21	15	2	4		41	2
36 Other diseases of endocardium 424	5	5							
37 All other forms of heart disease 415-423,425-429	146	99	47	13	5	5	2	15	6
38 Hypertension 401,403	11	6	5	1	1			3	1
39 Cerebrovascular diseases 430-438	192	144	48	23	6	8	3	24	1
40 Atherosclerosis 440	29	23	6	3	1	1		7	
41 Othér diseases of arteries, arterioles, and capillaries 441-448	23	22	1	3	1	1		4	
42 Acute bronchitis and bronchiolitis 466	3	3				1			
43 Pneumonia and influenza 480-487	36	28	8		1		2	6	
44 Chronic obstructive pulmonary diseases. 490-496	39	36	3	3	1	5		6	
45 Ulcer of stomach and duodenum 531-533	2	2							
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	7	6	1			1			
48 Chronic liver disease and cirrhosis 571	24	21	3	2	1	2		3	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	5	4		1			2	1
51 Infections of kidney 590	2	2				1			
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	16	10	6	2		1		1	2
55 Certain conditions originating in the perinatal period 760-779	12	5	7	1			1		3
56 Symptoms and ill-defined conditions . 780-799	11	8	3	2		1		1	1
57 All other diseases .... Residual	112	86	26	11	3	4		13	2
58 Accidents E800-E949	99	81	18	17	7	7	3	16	2
59 Motor vehicle accidents E810-E825	41	34	7	6	4	7	1	5	2
60 Home accidents .... (Home) E850-E949	17	12	5	1	1		2	3	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	41	35	6	10	2			8	
62 Suicide E950-E959	36	32	4	3				8	2
63 Homicide and legal intervention ... E960-E978	25	10	15		1		1	3	2
64 Other external causes E980-E999	1	1							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 11 (continued)

Cause of Death	Campbell		Bedford City		Lynchburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	263	58	92	17	500	175
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038					3	1
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139					2	1
13 Malignant neoplasms 140-208	48	19	12	2	111	36
14 Lip, oral cavity and pharynx 140-149		1				2
15 Digestive organs and peritoneum ... 150-159	13	5	5		22	9
16 Respiratory & intrathoracic organs. 160-165	14	3	4	1	34	14
17 Breast 174-175	5	2		1	9	2
18 Genital organs 179-187	2	2	1		11	4
19 Urinary organs 188-189					2	
20 Other & unspecified sites . 170-173,190-199	9	4	1		16	3
21 Leukemia 204-208	2		1		6	2
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	3	2			11	
23 Benign neoplasms and neoplasms of unspecified nature 210-239					2	
24 Diabetes mellitus 250	6		2	1	6	3
25 Nutritional deficiencies 260-269	1					
26 Anemias 280-285						
27 Meningitis 320-322					1	
28 Major cardiovascular diseases 390-448	131	27	50	6	266	93
29 Diseases of heart 390-398,402,404-429	101	15	37	3	192	62
30 Rheumatic fever and rheumatic heart disease 390-398	1				2	
31 Hypertensive heart disease 402	3	1	1		6	6
32 Hypertensive heart & renal disease .. 404				1	8	4
33 Ischemic heart disease 410-414	66	4	26	2	146	28
34 Acute myocardial infarction 410	46	1	11	2	71	14
35 Other ischemic heart disease .. 411-414	20	3	15		75	14
36 Other diseases of endocardium 424	1		2		2	
37 All other forms of heart disease 415-423,425-429	30	10	8		28	24
38 Hypertension 401,403		1			2	2
39 Cerebrovascular diseases 430-438	23	10	8	2	58	26
40 Atherosclerosis 440	4	1	3	1	5	3
41 Other diseases of arteries, arterioles, and capillaries 441-448	3		2		9	
42 Acute bronchitis and bronchiolitis 466	2					
43 Pneumonia and influenza 480-487	5	1	8		9	4
44 Chronic obstructive pulmonary diseases. 490-496	6	1			16	1
45 Ulcer of stomach and duodenum 531-533	1				1	
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560	2				3	1
48 Chronic liver disease and cirrhosis 571	6		2		6	2
49 Cholelithiasis and other disorders of gall bladder 574-575					1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	2	2	1			
51 Infections of kidney 590	1					
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	5	1			1	3
55 Certain conditions originating in the perinatal period 760-779	1			1	3	2
56 Symptoms and ill-defined conditions . 780-799			3	1	1	1
57 All other diseases .... Residual	15	4	10	4	33	13
58 Accidents E800-E949	21		4	2	16	4
59 Motor vehicle accidents E810-E825	9				7	
60 Home accidents .... (Home) E850-E949	4		2		2	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	8		2	2	7	2
62 Suicide E950-E959	6	1			15	1
63 Homicide and legal intervention ... E960-E978	4	2			3	9
64 Other external causes E980-E999					1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 12

Cause of Death	Planning District 12			Franklin		Henry		Patrick	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,243	1,726	517	247	45	329	96	142	21
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1		1						
7 Septicemia 038	7	4	3				1	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097	2		2						
12 Other infectious & parasitic diseases .... Residual of 001-139	4	2	2					1	
13 Malignant neoplasms 140-208	420	322	98	39	9	60	26	24	5
14 Lip, oral cavity and pharynx 140-149	12	9	3	2		1	1		
15 Digestive organs and peritoneum ... 150-159	95	69	26	10	4	9	6	4	1
16 Respiratory & intrathoracic organs. 160-165	102	83	19	12		10	5	8	1
17 Breast 174-175	36	30	6	1	1	7	1		
18 Genital organs 179-187	61	47	14	6	3	12	3	5	2
19 Urinary organs 188-189	12	9	3			1	2	1	
20 Other & unspecified sites . 170-173,190-199	53	40	13	3	1	15	6	4	1
21 Leukemia 204-208	19	13	6	3		1	2	1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	30	22	8	2		4		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	5	3	2	1					
24 Diabetes mellitus 250	50	31	19			4	2	2	1
25 Nutritional deficiencies 260-269	2	2				1			
26 Anemias 280-285	2	2							
27 Meningitis 320-322	2	2							
28 Major cardiovascular diseases 390-448	1,127	878	249	121	28	171	34	65	10
29 Diseases of heart 390-398,402,404-429	808	638	170	82	18	121	25	47	8
30 Rheumatic fever and rheumatic heart disease 390-398	5	4	1			1			
31 Hypertensive heart disease 402	15	8	7	1			3		1
32 Hypertensive heart & renal disease .. 404	1	1							
33 Ischemic heart disease 410-414	591	477	114	59	10	97	14	36	7
34 Acute myocardial infarction 410	319	265	54	43	8	57	6	15	4
35 Other ischemic heart disease .. 411-414	272	212	60	16	2	40	8	21	3
36 Other diseases of endocardium 424	7	7				1		2	
37 All other forms of heart disease 415-423,425-429	189	141	48	22	8	22	8	9	
38 Hypertension 401,403	7	6	1			2	1		
39 Cerebrovascular diseases 430-438	257	186	71	33	8	36	7	14	1
40 Atherosclerosis 440	35	33	2	4	1	10		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	20	15	5	2	1	2	1		1
42 Acute bronchitis and bronchiolitis 466	1	1				1			
43 Pneumonia and influenza 480-487	64	50	14	12	4	9	2	4	
44 Chronic obstructive pulmonary diseases. 490-496	62	61	1	10		11		4	1
45 Ulcer of stomach and duodenum 531-533	10	8	2	1		2		1	
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	5	3	2	1		1			
48 Chronic liver disease and cirrhosis 571	38	30	8	4		5	2	4	
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5		1		3			
50 Nephritis, nephrotic syndrome. and nephrosis 580-589	19	17	2	2		3		3	
51 Infections of kidney 590	4	4				2			
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium ....,... 630-676									
54 Congenital anomalies 740-759	21	16	5	3		3	1	3	
55 Certain conditions originating in the perinatal period 760-779	21	16	5	4			1	1	
56 Symptoms and ill-defined conditions . 780-799	13	10	3	5		1		1	
57 All other diseases .... Residual	147	109	38	13	3	19	8	12	
58 Accidents E800-E949	156	114	42	24		25	11	11	4
59 Motor vehicle accidents E810-E825	79	52	27	9		10	10	6	3
60 Home accidents .... (Home) E850-E949	25	21	4	7		6	1	1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	52	41	11	8		9		4	1
62 Suicide E950-E959	29	26	3	6		7	2	5	
63 Homicide and legal intervention ... E960-E978	25	9	16		1	1	6		
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 12 (continued)

Cause of Death	Pittsylvania		Danville		Martinsville	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	427	157	424	138	157	60
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036		1				
7 Septicemia 038	1	1	1	1	1	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097				1		1
12 Other infectious & parasitic diseases .... Residual of 001-139		1	1	1		
13 Malignant neoplasms 140-208	85	28	80	20	34	10
14 Lip, oral cavity and pharynx 140-149	1		4	1	1	1
15 Digestive organs and peritoneum ... 150-159	19	6	19	4	8	5
16 Respiratory & intrathoracic organs. 160-165	21	7	20	6	12	
17 Breast 174-175	8	1	9	2	5	1
18 Genital organs 179-187	12	3	10	2	2	1
19 Urinary organs 188-189	3		2		2	1
20 Other & unspecified sites . 170-173,190-199	7	2	8	2	3	1
21 Leukemia 204-208	4	4	4			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	5	4	3	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			2	2		
24 Diabetes mellitus 250	6	7	17	7	2	2
25 Nutritional deficiencies 260-269			1			
26 Anemias 280-285	2					
27 Meningitis 320-322	2					
28 Major cardiovascular diseases 390-448	214	71	229	74	78	32
29 Diseases of heart 390-398,402,404-429	155	46	167	52	66	21
30 Rheumatic fever and rheumatic heart disease 390-398			2	1	1	
31 Hypertensive heart disease 402	4		2	2	1	1
32 Hypertensive heart & renal disease .. 404	1					
33 Ischemic heart disease 410-414	104	32	126	34	55	17
34 Acute myocardial infarction 410	58	19	69	10	23	7
35 Other ischemic heart disease .. 411-414	46	13	57	24	32	10
36 Other diseases of endocardium 424	2		2			
37 All other forms of heart disease 415-423,425-429	44	14	35	15	9	3
38 Hypertension 401,403	2				2	
39 Cerebrovascular diseases 430-438	46	23	50	21	7	11
40 Atherosclerosis 440	7		6	1	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	4	2	6		1	
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	11	5	11	3	3	
44 Chronic obstructive pulmonary diseases. 490-496	17		14		5	
45 Ulcer of stomach and duodenum 531-533	3	1	1	1		
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560		1	1	1		
48 Chronic liver disease and cirrhosis 571	4	1	6	4	7	1
49 Cholelithiasis and other disorders of gall bladder 574-575	1					
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	1	4		2	1
51 Infections of kidney 590	1				1	
52 Hyperplasia of prostate 600			1			
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	3	1	3	2	1	1
55 Certain conditions originating in the perinatal period 760-779	7	2	4	2		
56 Symptoms and ill-defined conditions . 780-799	2	2			1	1
57 All other diseases .... Residual	30	16	24	6	11	5
58 Accidents E800-E949	30	16	18	9	6	2
59 Motor vehicle accidents E810-E825	17	9	7	3	3	2
60 Home accidents .... (Home) E850-E949	3	1	2	2	2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	10	6	9	4	1	
62 Suicide E950-E959	4		2	1	2	
63 Homicide and legal intervention ... E960-E978	1	2	4	3	3	4
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 13

Cause of Death	Planning District 13			Brunswick		Halifax		Mecklenburg		South Boston	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	865	496	369	79	97	197	120	174	114	46	38
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018											
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	4		4				2		2		
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070											
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	1	1						1			
13 Malignant neoplasms 140-208	190	116	64	24	15	46	24	35	19	11	6
14 Lip, oral cavity and pharynx 140-149	2	2				1				1	
15 Digestive organs and peritoneum ... 150-159	44	29	15	5	3	13	8	10	3	1	1
16 Respiratory & intrathoracic organs. 160-165	46	33	13	7	3	10	4	13	6	3	
17 Breast 174-175	13	8	5			4	1	2	2	2	2
18 Genital organs 179-187	20	11	9	4	2	4	3	3	3		1
19 Urinary organs 188-189	8	3	5	2	1		1	1	3		
20 Other & unspecified sites . 170-173,190-199	35	20	15	3	6	10	5	5	2	2	2
21 Leukemia 204-208	6	5	1	2		2	1			1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	6	5	1	1		2	1	1		1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	1				1					
24 Diabetes mellitus 250	25	15	10	2	3	8	2	3	4	2	1
25 Nutritional deficiencies 260-269											
26 Anemias 280-285	2		2						2		
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	433	251	182	40	51	89	57	99	60	23	14
29 Diseases of heart 390-398,402,404-429	341	196	145	33	39	67	46	80	49	16	11
30 Rheumatic fever and rheumatic heart disease 390-398	3	1	2					1	1		1
31 Hypertensive heart disease 402	17	7	10	1	3	2	5	3	1	1	1
32 Hypertensive heart & renal disease .. 404	1	1				1					
33 Ischemic heart disease 410-414	236	135	101	20	27	56	34	48	31	11	9
34 Acute myocardial infarction 410	104	66	38	13	12	23	9	26	15	4	2
35 Other ischemic heart disease .. 411-414	132	69	63	7	15	33	25	22	16	7	7
36 Other diseases of endocardium 424	4	2	2	2			1		1		
37 All other forms of heart disease 415-423,425-429	80	50	30	10	9	8	6	28	15	4	
38 Hypertension 401,403	4	2	2		1			1	1	1	
39 Cerebrovascular diseases 430-438	73	42	31	7	9	16	11	13	9	6	2
40 Atherosclerosis 440	10	7	3		1	5		2	1		1
41 Other diseases of arteries, arterioles, and capillaries 441-448	5	4	1		1	1		3			
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	25	14	11	2	2	4	4	6	4	2	1
44 Chronic obstructive pulmonary diseases. 490-496	19	17	2	2		8	1	7			1
45 Ulcer of stomach and duodenum 531-533	2	1	1					1			1
46 Appendicitis 540-543	1	1								1	
47 Hernia & intestinal obstruction . 550-553,560	2	1	1	1					1		
48 Chronic liver disease and cirrhosis 571	8	4	4	1	1			2		1	3
49 Cholelithiasis and other disorders of gall bladder 574-575											
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	9	2	7		2	1	3	1	1		1
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	7	2	5		1	1	2		2	1	
55 Certain conditions originating in the perinatal period 760-779	8	3	5	1	3	1		1	2		
56 Symptoms and ill-defined conditions . 780-799	5	2	3	1		1			2		1
57 All other diseases .... Residual	59	32	27	2	5	17	13	11	4	2	5
58 Accidents E800-E949	52	27	25	3	9	16	8	6	5	2	3
59 Motor vehicle accidents E810-E825	18	12	6	3	1	6	3	3	2		
60 Home accidents .... (Home) E850-E949	15	5	10		6	4	2	1			2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	19	10	9		2	6	3	2	3	2	1
62 Suicide E950-E959	10	5	5		1	4	2		2	1	
63 Homicide and legal intervention ... E960-E978	11		11		4		2		4		1
64 Other external causes E980-E999	1	1						1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 14

Cause of Death	Planning District 14			Amelia		Buckingham		Charlotte	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	936	537	399	47	43	86	41	92	58
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018									
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	6	3	3			1	2		
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1						1	
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	2	2				1			
13 Malignant neoplasms 140-208	200	102	98	10	9	17	13	21	14
14 Lip, oral cavity and pharynx 140-149	3	1	2				1		
15 Digestive organs and peritoneum ... 150-159	59	27	32	4	4	8	3	4	4
16 Respiratory & intrathoracic organs. 160-165	40	23	17		2	4		4	4
17 Breast 174-175	15	9	6	1		1	1	3	
18 Genital organs 179-187	28	12	16	3	1	1	1	2	2
19 Urinary organs 188-189	7	5	2			1	1	1	
20 Other & unspecified sites . 170-173,190-199	35	14	21	2	2		5	4	4
21 Leukemia 204-208	6	6						1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	5	2			2	1	2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	4		4						3
24 Diabetes mellitus 250	18	6	12		2		1		2
25 Nutritional deficiencies 260-269	2	1	1			1			
26 Anemias 280-285									
27 Meningitis 320-322	1	1							
28 Major cardiovascular diseases 390-448	467	307	160	27	17	52	9	51	20
29 Diseases of heart 390-398,402,404-429	339	227	112	19	16	41	6	32	12
30 Rheumatic fever and rheumatic heart disease 390-398	3	2	1			1			
31 Hypertensive heart disease 402	5	1	4		1		1		
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	225	159	66	16	8	28	4	25	9
34 Acute myocardial infarction 410	148	103	45	11	7	20	3	16	5
35 Other ischemic heart disease .. 411-414	77	56	21	5	1	8	1	9	4
36 Other diseases of endocardium 424	3	2	1						
37 All other forms of heart disease 415-423,425-429	103	63	40	3	7	12	1	7	3
38 Hypertension 401,403	2	1	1						
39 Cerebrovascular diseases 430-438	87	56	31	6		8	3	14	6
40 Atherosclerosis 440	29	16	13	1	1	3		4	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	10	7	3	1				1	
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	29	11	18	1	5	1	1	2	1
44 Chronic obstructive pulmonary diseases. 490-496	23	19	4	2		2		3	
45 Ulcer of stomach and duodenum 531-533									
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560	6	3	3		1			1	
48 Chronic liver disease and cirrhosis 571	11	7	4	1	1			1	
49 Cholelithiasis and other disorders of gall bladder 574-575	3	3						2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	7	2	5		1			1	1
51 Infections of kidney 590									
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	3	2	1	1		1			1
55 Certain conditions originating in the perinatal period 760-779	15	4	11	1	2			2	3
56 Symptoms and ill-defined conditions . 780-799	4	2	2		1	1			
57 All other diseases .... Residual	55	25	30	3	1	1	8	2	4
58 Accidents E800-E949	63	26	37	1	2	7	5	3	8
59 Motor vehicle accidents E810-E825	32	10	22		1	1	4		5
60 Home accidents .... (Home) E850-E949	10	4	6	1		1		1	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	21	12	9		1	5	1	2	1
62 Suicide E950-E959	8	7	1			1	1	2	
63 Homicide and legal intervention ... E960-E978	8	3	5		1		1		1
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 14 (continued)

Cause of Death	Cumberland		Lunenburg		Nottoway		Prince Edward	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	38	40	73	64	113	82	88	71
1 Shigellosis and amebiasis 004,006								
2 Certain other intestinal infections . 007-009								
3 Tuberculosis, all forms 010-018								
4 Whooping cough 033								
5 Streptococcal sore throat, scarlatina and erysipelas 034-035								
6 Meningococcal infection 036								
7 Septicemia 038	1			1	1			
8 Acute poliomyelitis 045								
9 Measles 055								
10 Viral hepatitis 070								
11 Syphilis 090-097								
12 Other infectious & parasitic diseases .... Residual of 001-139							1	
13 Malignant neoplasms 140-208	5	10	15	12	20	20	14	20
14 Lip, oral cavity and pharynx 140-149				1	1			
15 Digestive organs and peritoneum ... 150-159	1	2	2	4	3	10	5	5
16 Respiratory & intrathoracic organs. 160-165	1	3	3	2	8	2	3	4
17 Breast 174-175			3	3	1			2
18 Genital organs 179-187		3	3		2	5	1	4
19 Urinary organs 188-189			2		1	1		
20 Other & unspecified sites . 170-173,190-199	2	2	2	1	2	2	2	5
21 Leukemia 204-208					2		3	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1			1				
23 Benign neoplasms and neoplasms of unspecified nature 210-239						1		
24 Diabetes mellitus 250		1	5	5	1	1		
25 Nutritional deficiencies 260-269								1
26 Anemias 280-285								
27 Meningitis 320-322					1			
28 Major cardiovascular diseases 390-448	19	20	46	26	59	36	53	32
29 Diseases of heart 390-398,402,404-429	14	9	41	21	42	29	38	19
30 Rheumatic fever and rheumatic heart disease 390-398					1	1		
31 Hypertensive heart disease 402				1		1	1	
32 Hypertensive heart & renal disease .. 404								
33 Ischemic heart disease 410-414	8	5	31	14	29	16	22	10
34 Acute myocardial infarction 410	5	4	13	7	19	12	19	7
35 Other ischemic heart disease .. 411-414	3	1	18	7	10	4	3	3
36 Other diseases of endocardium 424			1	1	1			
37 All other forms of heart disease 415-423,425-429	6	4	9	5	11	11	15	9
38 Hypertension 401,403		1	1					
39 Cerebrovascular diseases 430-438	4	5	1	5	13	5	10	7
40 Atherosclerosis 440		5	1		3		4	5
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		2		1	2	1	1
42 Acute bronchitis and bronchiolitis 466								
43 Pneumonia and influenza 480-487	1	2		1	5	5	1	3
44 Chronic obstructive pulmonary diseases. 490-496	2			1	4		6	3
45 Ulcer of stomach and duodenum 531-533								
46 Appendicitis 540-543								
47 Hernia & intestinal obstruction . 550-553,560					1	2	1	
48 Chronic liver disease and cirrhosis 571	2				2		1	3
49 Cholelithiasis and other disorders of gall bladder 574-575							1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		1		1		1	1	
51 Infections of kidney 590								
52 Hyperplasia of prostate 600								
53 Complications of pregnancy, childbirth, and the puerperium 630-676								
54 Congenital anomalies 740-759								
55 Certain conditions originating in the perinatal period 760-779				2	1	1		3
56 Symptoms and ill-defined conditions . 780-799							1	1
57 All other diseases .... Residual	4	3	3	7	8	6	4	1
58 Accidents E800-E949	3	2	3	8	6	9	[illegible]	3
59 Motor vehicle accidents E810-E825	1	2	1	4	4	5	3	1
60 Home accidents .... (Home) E850-E949			1	2		2		
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	2		1	2	2	2		2
62 Suicide E950-E959	1		1		2			
63 Homicide and legal intervention ... E960-E978		1			2		1	1
64 Other external causes E980-E999								

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 15

Cause of Death	Planning District 15			Charles City County		Chesterfield		Goochland	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	5,525	3,860	1,665	13	34	556	79	59	36
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	1	1							
3 Tuberculosis, all forms 010-018	7	1	6					1	
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1							
7 Septicemia 038	71	38	33			5	3	1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	4	2	2			1			
11 Syphilis 090-097	2		2						
12 Other infectious & parasitic diseases .... Residual of 001-139	9	3	6						1
13 Malignant neoplasms 140-208	1,170	844	326	6	7	110	15	10	9
14 Lip, oral cavity and pharynx 140-149	25	21	4		1	3			
15 Digestive organs and peritoneum ... 150-159	272	186	86		1	21	4		2
16 Respiratory & intrathoracic organs. 160-165	340	253	87	3	1	29	4	3	3
17 Breast 174-175	110	85	25			7	1	1	
18 Genital organs 179-187	151	97	54	1	2	15	3	2	1
19 Urinary organs 188-189	47	33	14		1	5		1	
20 Other & unspecified sites . 170-173,190-199	137	104	33	2	1	19	2	2	
21 Leukemia 204-208	28	23	5			3		1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	60	42	18			8	1		2
23 Benign neoplasms and neoplasms of unspecified nature 210-239	13	11	2			1		1	
24 Diabetes mellitus 250	71	46	25			7	1	2	
25 Nutritional deficiencies 260-269	9	6	3						
26 Anemias 280-285	9	5	4						
27 Meningitis 320-322	4	3	1			1			
28 Major cardiovascular diseases 390-448	2,656	1,930	726	4	15	265	33	31	17
29 Diseases of heart 390-398,402,404-429	2,041	1,489	552	1	7	210	23	25	13
30 Rheumatic fever and rheumatic heart disease 390-398	11	7	4						
31 Hypertensive heart disease 402	65	38	27			4		1	1
32 Hypertensive heart & renal disease .. 404	17	11	6		1	4			
33 Ischemic heart disease 410-414	1,364	1,062	302	1	2	152	12	21	10
34 Acute myocardial infarction 410	609	501	108	1	2	81	7	12	5
35 Other ischemic heart disease .. 411-414	755	561	194			71	5	9	5
36 Other diseases of endocardium 424	8	7	1			1			
37 All other forms of heart disease 415-423,425-429	576	364	212		4	49	11	3	2
38 Hypertension 401,403	21	9	12			1	1		
39 Cerebrovascular diseases 430-438	457	319	138	3	7	40	8	3	2
40 Atherosclerosis 440	91	78	13		1	7		3	2
41 Other diseases of arteries, arterioles, and capillaries 441-448	46	35	11			7	1		
42 Acute bronchitis and bronchiolitis 466	2	2							
43 Pneumonia and influenza 480-487	137	89	48		1	12	1		
44 Chronic obstructive pulmonary diseases. 490-496	157	131	26	1	1	15	2	4	
45 Ulcer of stomach and duodenum 531-533	10	7	3			1			
46 Appendicitis 540-543	1		1						
47 Hernia & intestinal obstruction . 550-553,560	20	12	8			1			
48 Chronic liver disease and cirrhosis 571	78	55	23			8			
49 Cholelithiasis and other disorders of gall bladder 574-575	5	5				1			
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	54	29	25			5	1		1
51 Infections of kidney 590	1		1						
52 Hyperplasia of prostate 600	1	1							
53 Complications of pregnancy, childbirth, and the puerperium 630-676	2		2						
54 Congenital anomalies 740-759	38	24	14		1	8	2		
55 Certain conditions originating in the perinatal period 760-779	95	37	58			6	5	1	1
56 Symptoms and ill-defined conditions . 780-799	32	19	13	1		5	2		
57 All other diseases .... Residual	386	243	143		5	31	6	4	
58 Accidents E800-E949	293	205	88	1	3	42	5	4	7
59 Motor vehicle accidents E810-E825	104	82	22	1		24	1	2	5
60 Home accidents .... (Home) E850-E949	85	52	33		1	3	2	1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	104	71	33		2	15	2	1	2
62 Suicide E950-E959	97	79	18			24			
63 Homicide and legal intervention ... E960-E978	81	25	56		1	6	3		
64 Other external causes E980-E999	8	6	2			1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 15 (continued)

Cause of Death	Hanover		Henrico		New Kent		Powhatan		Richmond City	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes ...	322	76	1,336	147	39	18	41	30	1,494	1,245
1 Shigellosis and amebiasis ... 004,006										
2 Certain other intestinal infections . 007-009			1							
3 Tuberculosis, all forms ... 010-018				1						5
4 Whooping cough ... 033										
5 Streptococcal sore throat, scarlatina and erysipelas ... 034-035										
6 Meningococcal infection ... 036									1	
7 Septicemia ... 038	3		13	1				1	16	28
8 Acute poliomyelitis ... 045										
9 Measles ... 055										
10 Viral hepatitis ... 070									1	2
11 Syphilis ... 090-097										2
12 Other infectious & parasitic diseases ... Residual of 001-139		1	3							4
13 Malignant neoplasms ... 140-208	66	17	321	20	12	4	5	9	314	245
14 Lip, oral cavity and pharynx ... 140-149	1		6	1	1		1		9	2
15 Digestive organs and peritoneum ... 150-159	16	3	71	5	2	2	1	2	75	67
16 Respiratory & intrathoracic organs. 160-165	21	4	105	3	5	1	2	2	85	69
17 Breast ... 174-175	9	2	30	5	1		1		36	17
18 Genital organs ... 179-187	6	3	40	3	1			1	32	41
19 Urinary organs ... 188-189	4		11			1			12	12
20 Other & unspecified sites . 170-173,190-199	6	3	38		1			1	36	26
21 Leukemia ... 204-208	2		7	1				1	10	2
22 Other neoplasms of lymphatic and hematopoietic tissues ... 200-203	1	2	13	2	1			2	19	9
23 Benign neoplasms and neoplasms of unspecified nature ... 210-239			5						4	2
24 Diabetes mellitus ... 250	3	1	19	4		1	1		14	18
25 Nutritional deficiencies ... 260-269	1		3						2	3
26 Anemias ... 280-285	3								2	4
27 Meningitis ... 320-322			1						1	1
28 Major cardiovascular diseases ... 390-448	154	31	668	69	17	9	21	15	770	537
29 Diseases of heart ... 390-398,402,404-429	121	26	529	47	12	6	17	11	574	419
30 Rheumatic fever and rheumatic heart disease ... 390-398	3	1	2						2	3
31 Hypertensive heart disease ... 402	4	2	13		1		1		14	24
32 Hypertensive heart & renal disease .. 404		2	4	1					3	2
33 Ischemic heart disease ... 410-414	81	9	387	32	7	3	13	6	400	228
34 Acute myocardial infarction ... 410	42	3	181	13	4	1	7	3	173	74
35 Other ischemic heart disease .. 411-414	39	6	206	19	3	2	6	3	227	154
36 Other diseases of endocardium ... 424	1		4				1			1
37 All other forms of heart disease ... 415-423,425-429	32	12	119	14	4	3	2	5	155	161
38 Hypertension ... 401,403	1		4	2					3	9
39 Cerebrovascular diseases ... 430-438	18	2	103	15	3	3	4	4	145	97
40 Atherosclerosis ... 440	10	2	20	3	2				36	5
41 Other diseases of arteries, arterioles, and capillaries ... 441-448	4	1	12	2					12	7
42 Acute bronchitis and bronchiolitis ... 466									2	
43 Pneumonia and influenza ... 480-487	6	1	29	4	3	1	2		37	40
44 Chronic obstructive pulmonary diseases. 490-496	12	3	41	2	2	1	3	1	53	16
45 Ulcer of stomach and duodenum ... 531-533			2						4	3
46 Appendicitis ... 540-543										1
47 Hernia & intestinal obstruction . 550-553,560	1		3	1					7	7
48 Chronic liver disease and cirrhosis ... 571	2	1	21	1			2		22	21
49 Cholelithiasis and other disorders of gall bladder ... 574-575	2		2							
50 Nephritis, nephrotic syndrome, and nephrosis ... 580-589	4		10	7	1				9	16
51 Infections of kidney ... 590										1
52 Hyperplasia of prostate ... 600			1							
53 Complications of pregnancy, childbirth, and the puerperium ... 630-676				1						1
54 Congenital anomalies ... 740-759	1		11	2					4	9
55 Certain conditions originating in the perinatal period ... 760-779	4	2	14	8					12	42
56 Symptoms and ill-defined conditions . 780-799	1	1	4	1					8	9
57 All other diseases ... Residual	23	4	69	16	4		1	2	111	110
58 Accidents ... E800-E949	32	11	60	3		2	3	1	63	56
59 Motor vehicle accidents ... E810-E825	15	4	28	2		2	2		10	8
60 Home accidents ... (Home) E850-E949	3	3	19	1					26	26
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	14	4	13				1	1	27	22
62 Suicide ... E950-E959	2	2	25	1			3	1	25	14
63 Homicide and legal intervention ... E960-E978	1	1	7	4					11	47
64 Other external causes ... E980-E999	1		3	1					1	1

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 16

Cause of Death	Planning District 16			Caroline		King George	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	792	627	165	81	64	62	23
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009	1	1					
3 Tuberculosis, all forms 010-018	1	1					
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	4	3	1			1	
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070							
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139	2	2					
13 Malignant neoplasms 140-208	171	126	45	20	18	16	7
14 Lip, oral cavity and pharynx 140-149	4	2	2	1		1	1
15 Digestive organs and peritoneum ... 150-159	36	29	7	5	4	3	1
16 Respiratory & intrathoracic organs. 160-165	53	38	15	6	4	3	2
17 Breast 174-175	14	8	6		1	1	1
18 Genital organs 179-187	19	13	6	1	3	1	2
19 Urinary organs 188-189	7	4	3		1	1	
20 Other & unspecified sites . 170-173,190-199	27	24	3	7	3	1	
21 Leukemia 204-208	1		1		1		
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	8	2		1	5	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	3	3				1	
24 Diabetes mellitus 250	8	7	1	2		1	
25 Nutritional deficiencies 260-269	3	3					
26 Anemias 280-285							
27 Meningitis 320-322	1	1					
28 Major cardiovascular diseases 390-448	372	295	77	34	31	24	10
29 Diseases of heart 390-398,402,404-429	274	225	49	28	21	17	7
30 Rheumatic fever and rheumatic heart disease 390-398	3	2	1				
31 Hypertensive heart disease 402	5	3	2		1	1	1
32 Hypertensive heart & renal disease .. 404	1	1					
33 Ischemic heart disease 410-414	179	151	28	19	13	12	3
34 Acute myocardial infarction 410	110	88	22	11	11	3	2
35 Other ischemic heart disease .. 411-414	69	63	6	8	2	9	1
36 Other diseases of endocardium 424	3	3					
37 All other forms of heart disease 415-423,425-429	83	65	18	9	7	4	3
38 Hypertension 401,403	4	3	1			1	
39 Cerebrovascular diseases 430-438	70	48	22	5	8	4	3
40 Atherosclerosis 440	16	14	2	1	1	2	
41 Other diseases of arteries, arterioles, and capillaries 441-448	8	5	3		1		
42 Acute bronchitis and bronchiolitis 466	1	1					
43 Pneumonia and influenza 480-487	22	19	3	2		1	1
44 Chronic obstructive pulmonary diseases. 490-496	21	19	2	1	1	1	
45 Ulcer of stomach and duodenum 531-533							
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	1	1		1			
48 Chronic liver disease and cirrhosis 571	9	6	3	1	1	1	
49 Cholelithiasis and other disorders of gall bladder 574-575							
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	3	1	1		1	
51 Infections of kidney 590	1		1		1		
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	10	9	1			1	
55 Certain conditions originating in the perinatal period 760-779	16	14	2	3	1	1	
56 Symptoms and ill-defined conditions . 780-799	7	5	2	1	1		
57 All other diseases .... Residual	46	39	7	6	2	7	1
58 Accidents E800-E949	58	42	16	6	8	4	4
59 Motor vehicle accidents E810-E825	29	20	9	2	4	3	2
60 Home accidents .... (Home) E850-E949	15	12	3	2	1	1	2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	14	10	4	2	3		
62 Suicide E950-E959	17	17		3		1	
63 Homicide and legal intervention ... E960-E978	13	10	3			1	
64 Other external causes E980-E999							

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 16 (continued)

Cause of Death	Spotsylvania		Stafford		Fredericksburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	164	27	179	23	141	28
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009	1					
3 Tuberculosis, all forms 010-018	1					
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	1	1	1			
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139			1		1	
13 Malignant neoplasms 140-208	30	7	33	8	27	5
14 Lip, oral cavity and pharynx 140-149						1
15 Digestive organs and peritoneum ... 150-159	6	2	8		7	
16 Respiratory & intrathoracic organs. 160-165	11	3	13	4	5	2
17 Breast 174-175	5	1	1	1	1	2
18 Genital organs 179-187	3		3	1	5	
19 Urinary organs 188-189	2	1		1	1	
20 Other & unspecified sites . 170-173,190-199	3		6		7	
21 Leukemia 204-208						
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			2	1	1	
23 Benign neoplasms and neoplasms of unspecified nature 210-239			2			
24 Diabetes mellitus 250			1		3	1
25 Nutritional deficiencies 260-269	2				1	
26 Anemias 280-285						
27 Meningitis 320-322			1			
28 Major cardiovascular diseases 390-448	80	13	90	11	67	12
29 Diseases of heart 390-398,402,404-429	61	8	70	8	49	5
30 Rheumatic fever and rheumatic heart disease 390-398	1	1			1	
31 Hypertensive heart disease 402			1		1	
32 Hypertensive heart & renal disease .. 404			1			
33 Ischemic heart disease 410-414	39	4	51	4	30	4
34 Acute myocardial infarction 410	27	3	28	4	19	2
35 Other ischemic heart disease .. 411-414	12	1	23		11	2
36 Other diseases of endocardium 424	3					
37 All other forms of heart disease 415-423,425-429	18	3	17	4	17	1
38 Hypertension 401,403	1			1	1	
39 Cerebrovascular diseases 430-438	13	4	14	1	12	6
40 Atherosclerosis 440	3	1	4		4	
41 Other diseases of arteries, arterioles, and capillaries 441-448	2		2	1	1	1
42 Acute bronchitis and bronchiolitis 466					1	
43 Pneumonia and influenza 480-487	5		6		5	2
44 Chronic obstructive pulmonary diseases. 490-496	5		3	1	9	
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560						
48 Chronic liver disease and cirrhosis 571		1	2	1	2	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1					1
51 Infections of kidney 590						
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	3		2		3	1
55 Certain conditions originating in the perinatal period 760-779	4		4		2	1
56 Symptoms and ill-defined conditions . 780-799	3	1			1	
57 All other diseases .... Residual	10	1	9		7	3
58 Accidents E800-E949	13	2	13		6	2
59 Motor vehicle accidents E810-E825	9	2	5		1	1
60 Home accidents .... (Home) E850-E949	4		3		2	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949			5		3	1
62 Suicide E950-E959	3		8		2	
63 Homicide and legal intervention ... E960-E978	2	1	3	2	4	
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 17

Cause of Death	Planning District 17			Lancaster		Northumber-land		Richmond		Westmore-land	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	557	382	175	115	49	95	53	60	24	112	49
1 Shigellosis and amebiasis 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms 010-018	1	1		1							
4 Whooping cough 033											
5 Streptococcal sore throat, scarlatina and erysipelas 034-035											
6 Meningococcal infection 036											
7 Septicemia 038	7	1	6	1	2		1		1		2
8 Acute poliomyelitis 045											
9 Measles 055											
10 Viral hepatitis 070	1	1		1							
11 Syphilis 090-097											
12 Other infectious & parasitic diseases .... Residual of 001-139	2	1	1			1	1				
13 Malignant neoplasms 140-208	123	90	33	17	13	21	12	17	3	35	5
14 Lip, oral cavity and pharynx 140-149											
15 Digestive organs and peritoneum ... 150-159	34	21	13	1	4	4	5	4	2	12	2
16 Respiratory & intrathoracic organs. 160-165	32	24	8	1	5	7	3	5		11	
17 Breast 174-175	6	6		1		1		2		2	
18 Genital organs 179-187	19	16	3	4		7	2	2		3	1
19 Urinary organs 188-189	7	6	1	1	1			2		3	
20 Other & unspecified sites . 170-173,190-199	13	9	4	4	1	2	1	1		2	2
21 Leukemia 204-208	7	6	1	4			1			2	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	5	2	3	1	2			1	1		
23 Benign neoplasms and neoplasms of unspecified nature 210-239											
24 Diabetes mellitus 250	7	5	2	1		2		2	1		1
25 Nutritional deficiencies 260-269	1	1		1							
26 Anemias 280-285											
27 Meningitis 320-322											
28 Major cardiovascular diseases 390-448	301	218	83	70	23	53	23	31	11	64	26
29 Diseases of heart 390-398,402,404-429	217	164	53	48	14	41	12	24	8	51	19
30 Rheumatic fever and rheumatic heart disease 390-398											
31 Hypertensive heart disease 402	5	2	3				2	1	1	1	
32 Hypertensive heart & renal disease .. 404											
33 Ischemic heart disease 410-414	156	119	37	33	8	33	8	16	7	37	14
34 Acute myocardial infarction 410	102	80	22	29	7	21	5	12	3	18	7
35 Other ischemic heart disease .. 411-414	54	39	15	4	1	12	3	4	4	19	7
36 Other diseases of endocardium 424	3	2	1			1		1			1
37 All other forms of heart disease 415-423,425-429	53	41	12	15	6	7	2	6		13	4
38 Hypertension 401,403	2	1	1				1	1			
39 Cerebrovascular diseases 430-438	63	39	24	15	7	8	8	6	3	10	6
40 Atherosclerosis 440	12	9	3	4	2	2				3	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	7	5	2	3		2	2				
42 Acute bronchitis and bronchiolitis 466											
43 Pneumonia and influenza 480-487	11	8	3	3		2		3			3
44 Chronic obstructive pulmonary diseases. 490-496	7	6	1	2		2	1	1		1	
45 Ulcer of stomach and duodenum 531-533	6	3	3	1	1	2	2				
46 Appendicitis 540-543											
47 Hernia & intestinal obstruction . 550-553,560	2	2				1		1			
48 Chronic liver disease and cirrhosis 571	3	3		1						2	
49 Cholelithiasis and other disorders of gall bladder 574-575	1	1								1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	3	2	1			1		1	1		
51 Infections of kidney 590											
52 Hyperplasia of prostate 600											
53 Complications of pregnancy, childbirth, and the puerperium 630-676											
54 Congenital anomalies 740-759	3	2	1	1					1	1	
55 Certain conditions originating in the perinatal period 760-779	12	6	6	2	1	3	1	1			4
56 Symptoms and ill-defined conditions . 780-799											
57 All other diseases .... Residual	30	14	16	7	3	2	7	1	3	4	3
58 Accidents E800-E949	28	13	15	6	5	4	4	1	2	2	4
59 Motor vehicle accidents E810-E825	9	2	7	1	4	1	1				2
60 Home accidents .... (Home) E850-E949	7	6	1	2		3	1			1	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	12	5	7	3	1		2	1	2	1	2
62 Suicide E950-E959	6	4	2		1	1		1	1	2	
63 Homicide and legal intervention ... E960-E978	2		2				1				1
64 Other external causes E980-E999											

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 18

Cause of Death	Planning District 18			Essex		Gloucester		King and Queen	
	Total	White	Nonwh	White	Nonwh	White	Nonwn	White	Nonwh
All causes	650	454	196	73	27	131	37	29	34
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections 007-009	1	1				1			
3 Tuberculosis, all forms 010-018	1		1						
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	9	5	4	1	2	2	2		
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097									
12 Other infectious & parasitic diseases Residual of 001-139	4	4		1		2			
13 Malignant neoplasms 140-208	154	110	44	12	5	38	9	6	5
14 Lip, oral cavity and pharynx 140-149									
15 Digestive organs and peritoneum 150-159	49	36	13	3	2	9	2	4	1
16 Respiratory & intrathoracic organs. 160-165	44	32	12	7		14	4		2
17 Breast 174-175	3	1	2			1			
18 Genital organs 179-187	19	11	8		3	3	2		1
19 Urinary organs 188-189	4	3	1	1		2			
20 Other & unspecified sites . 170-173,190-199	20	16	4	1		5	1	1	
21 Leukemia 204-208	6	6				2			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	9	5	4			2		1	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	2							
24 Diabetes mellitus 250	8	4	4	1	1				
25 Nutritional deficiencies 260-269									
26 Anemias 280-285	1		1				1		
27 Meningitis 320-322	1		1				1		
28 Major cardiovascular diseases 390-448	310	223	87	39	15	56	12	16	21
29 Diseases of heart 390-398,402,404-429	236	176	60	30	13	46	8	14	13
30 Rheumatic fever and rheumatic heart disease 390-398									
31 Hypertensive heart disease 402	4	1	3		1	1			
32 Hypertensive heart & renal disease .. 404									
33 Ischemic heart disease 410-414	170	134	36	26	9	36	6	12	10
34 Acute myocardial infarction 410	104	85	19	20	5	20	1	6	6
35 Other ischemic heart disease .. 411-414	66	49	17	6	4	16	5	6	4
36 Other diseases of endocardium 424	2	1	1		1				
37 All other forms of heart disease 415-423,425-429	60	40	20	4	2	9	2	2	3
38 Hypertension 401,403	4	2	2				1		
39 Cerebrovascular diseases 430-438	54	32	22	8	2	5	3	2	8
40 Atherosclerosis 440	7	6	1	1		2			
41 Other diseases of arteries, arterioles, and capillaries 441-448	9	7	2			3			
42 Acute bronchitis and bronchiolitis 466									
43 Pneumonia and influenza 480-487	18	10	8	2	3	3	2		
44 Chronic obstructive pulmonary diseases. 490-496	21	16	5	4		4	2		
45 Ulcer of stomach and duodenum 531-533									
46 Appendicitis 540-543									
47 Hernia & intestinal obstruction . 550-553,560									
48 Chronic liver disease and cirrhosis 571	8	8		3		1			
49 Cholelithiasis and other disorders of gall bladder 574-575									
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	2	2	1					1
51 Infections of kidney 590	2	1	1						1
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	4	3	1			2			
55 Certain conditions originating in the perinatal period 760-779	8	4	4	1		1	1		1
56 Symptoms and ill-defined conditions . 780-799	4	2	2			1			1
57 All other diseases Residual	42	27	15	3		11	1	2	2
58 Accidents E800-E949	33	22	11	3		3	5	5	1
59 Motor vehicle accidents E810-E825	18	13	5			2	3	4	1
60 Home accidents (Home) E850-E949	5	3	2	1			1	1	
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	10	6	4	2		1	1		
62 Suicide E950-E959	8	6	2	2			1		
63 Homicide and legal intervention E960-E978	7	4	3		1	4			1
64 Other external causes E980-E999									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 18 (continued)

Cause of Death	King William		Mathews		Middlesex	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	59	31	77	29	85	38
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018						1
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038					2	
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070						
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139					1	
13 Malignant neoplasms 140-208	15	7	20	8	19	10
14 Lip, oral cavity and pharynx 140-149						
15 Digestive organs and peritoneum ... 150-159	3	3	7	1	10	4
16 Respiratory & intrathoracic organs. 160-165	2	2	4	2	5	2
17 Breast 174-175				1		1
18 Genital organs 179-187	3	1	3	1	2	
19 Urinary organs 188-189		1				
20 Other & unspecified sites . 170-173,190-199	4		4	2	1	1
21 Leukemia 204-208	3		1			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			1	1	1	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239						
24 Diabetes mellitus 250		1	2	2	1	
25 Nutritional deficiencies 260-269						
26 Anemias 280-285						
27 Meningitis 320-322						
28 Major cardiovascular diseases 390-448	28	9	39	12	45	18
29 Diseases of heart 390-398,402,404-429	20	7	31	7	35	12
30 Rheumatic fever and rheumatic heart disease 390-398						
31 Hypertensive heart disease 402						2
32 Hypertensive heart & renal disease .. 404						
33 Ischemic heart disease 410-414	13	2	24	2	23	7
34 Acute myocardial infarction 410	7		13	2	19	5
35 Other ischemic heart disease .. 411-414	6	2	11		4	2
36 Other diseases of endocardium 424	1					
37 All other forms of heart disease 415-423,425-429	6	5	7	5	12	3
38 Hypertension 401,403			2			1
39 Cerebrovascular diseases 430-438	6	2	4	4	7	3
40 Atherosclerosis 440	1		1	1	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	1		1		2	2
42 Acute bronchitis and bronchiolitis 466						
43 Pneumonia and influenza 480-487	2	2	3	1		
44 Chronic obstructive pulmonary diseases. 490-496	3	1	4		1	2
45 Ulcer of stomach and duodenum 531-533						
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560						
48 Chronic liver disease and cirrhosis 571	1		2		1	
49 Cholelithiasis and other disorders of gall bladder 574-575						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	1					1
51 Infections of kidney 590	1					
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759		1	1			
55 Certain conditions originating in the perinatal period 760-779		1	1		1	1
56 Symptoms and ill-defined conditions . 780-799		1			1	
57 All other diseases .... Residual	4	6	1	4	6	2
58 Accidents E800-E949	3	2	4		4	3
59 Motor vehicle accidents E810-E825	3	1	3		1	
60 Home accidents .... (Home) E850-E949					1	1
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949		1	1		2	2
62 Suicide E950-E959	1			1	3	
63 Homicide and legal intervention ... E960-E978				1		
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 19

Cause of Death	Planning District 19			Dinwiddie		Greensville		Prince George		Surry	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes ...	1,445	823	622	113	78	58	60	69	36	35	27
1 Shigellosis and amebiasis ... 004,006											
2 Certain other intestinal infections . 007-009											
3 Tuberculosis, all forms ... 010-018	2	1	1								
4 Whooping cough ... 033											
5 Streptococcal sore throat, scarlatina and erysipelas ... 034-035											
6 Meningococcal infection ... 036	1		1								
7 Septicemia ... 038	9	2	7		3						
8 Acute poliomyelitis ... 045											
9 Measles ... 055											
10 Viral hepatitis ... 070	1	1									
11 Syphilis ... 090-097											
12 Other infectious & parasitic diseases ... Residual of 001-139	3		3				2				
13 Malignant neoplasms ... 140-208	275	152	123	18	11	9	13	17	8	1	7
14 Lip, oral cavity and pharynx ... 140-149	5	5		1				1			
15 Digestive organs and peritoneum ... 150-159	56	28	28	4	4	1	5	4	1	1	2
16 Respiratory & intrathoracic organs. 160-165	78	47	31	5	1	4	5	5	3		1
17 Breast ... 174-175	15	9	6	1	1			2	1		
18 Genital organs ... 179-187	38	16	22		1	2			2		1
19 Urinary organs ... 188-189	14	7	7	1	1		1	1			
20 Other & unspecified sites . 170-173,190-199	49	31	18	5	2	2	1	2	1		1
21 Leukemia ... 204-208	12	5	7	1	1			1			2
22 Other neoplasms of lymphatic and hematopoietic tissues ... 200-203	8	4	4				1	1			
23 Benign neoplasms and neoplasms of unspecified nature ... 210-239	4	2	2		1			1			
24 Diabetes mellitus ... 250	33	12	21	2	4	2	1	1	2		
25 Nutritional deficiencies ... 260-269	2	1	1	1							1
26 Anemias ... 280-285	2		2								
27 Meningitis ... 320-322	1		1								
28 Major cardiovascular diseases ... 390-448	727	437	290	57	35	33	26	33	12	22	10
29 Diseases of heart ... 390-398,402,404-429	537	330	207	42	27	27	22	26	7	16	9
30 Rheumatic fever and rheumatic heart disease ... 390-398	1	1									
31 Hypertensive heart disease ... 402	19	3	16	2	5		2				
32 Hypertensive heart & renal disease .. 404	4	3	1					1			
33 Ischemic heart disease ... 410-414	420	268	152	36	19	23	15	17	7	11	7
34 Acute myocardial infarction ... 410	221	140	81	19	7	12	13	10	4	5	5
35 Other ischemic heart disease .. 411-414	199	128	71	17	12	11	2	7	3	6	2
36 Other diseases of endocardium ... 424	2	1									
37 All other forms of heart disease ... 415-423,425-429	91	54	37	4	3	4	5	8		5	2
38 Hypertension ... 401,403	7	3	4								
39 Cerebrovascular diseases ... 430-438	158	84	74	13	8	6	3	6	5	5	1
40 Atherosclerosis ... 440	19	14	5	1			1	1		1	
41 Other diseases of arteries, arterioles, and capillaries ... 441-448	6	6		1							
42 Acute bronchitis and bronchiolitis ... 466	1		1								
43 Pneumonia and influenza ... 480-487	29	15	14	3	2				1	1	
44 Chronic obstructive pulmonary diseases. 490-496	32	24	8	2		1	3	2	1	2	
45 Ulcer of stomach and duodenum ... 531-533	5	4	1								
46 Appendicitis ... 540-543	3	2	1		1						
47 Hernia & intestinal obstruction . 550-553,560	2	1	1							1	
48 Chronic liver disease and cirrhosis ... 571	17	14	3	1	1	1		1		1	
49 Cholelithiasis and other disorders of gall bladder ... 574-575	1	1									
50 Nephritis, nephrotic syndrome, and nephrosis ... 580-589	13	3	10	1	3	1	1				
51 Infections of kidney ... 590	2	1	1								
52 Hyperplasia of prostate ... 600											
53 Complications of pregnancy, childbirth, and the puerperium ... 630-676											
54 Congenital anomalies ... 740-759	10	5	5	3				1			1
55 Certain conditions originating in the perinatal period ... 760-779	23	10	13	2	2		1			1	
56 Symptoms and ill-defined conditions . 780-799	7	1	6						1		
57 All other diseases ... Residual	103	57	46	6	6	8	1	2	4	3	3
58 Accidents ... E800-E949	96	56	40	15	6	3	9	7	4	2	4
59 Motor vehicle accidents ... E810-E825	52	29	23	9	1	2	5	5	2		4
60 Home accidents ... (Home) E850-E949	19	11	8	3	2		2		1	1	
61 All other accidents ... E800-E807,E826-E849 (Other) E850-E949	25	16	9	3	3	1	2	2	1	1	
62 Suicide ... E950-E959	20	13	7	2	2			2	2	1	1
63 Homicide and legal intervention ... E960-E978	20	7	13		1		3	2	1		
64 Other external causes ... E980-E999	1	1									

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 19 (continued)

Cause of Death	Sussex		Colonial Heights		Emporia		Hopewell		Petersburg	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	45	79	123	1	43	26	158	34	179	281
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009										
3 Tuberculosis, all forms 010-018	1	1								
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036								1		
7 Septicemia 038		1	1				1			3
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070			1							
11 Syphilis 090-097										
12 Other infectious & parasitic diseases .... Residual of 001-139										1
13 Malignant neoplasms 140-208	10	19	26		10	7	31	7	30	51
14 Lip, oral cavity and pharynx 140-149							2		1	
15 Digestive organs and peritoneum ... 150-159	1	1	3		3		4	2	7	13
16 Respiratory & intrathoracic organs. 160-165	2	6	8		1	1	10	2	12	12
17 Breast 174-175			2		1	1	1		2	3
18 Genital organs 179-187	1	7			4	3	4		3	8
19 Urinary organs 188-189	1	2	3					1	1	2
20 Other & unspecified sites . 170-173,190-199	3	1	7		1	1	8	1	3	10
21 Leukemia 204-208	1	1				1	1	1	1	1
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	1	1	1				1			2
23 Benign neoplasms and neoplasms of unspecified nature 210-239									1	1
24 Diabetes mellitus 250	1	1	4			1	1		1	12
25 Nutritional deficiencies 260-269										
26 Anemias 280-285		1								1
27 Meningitis 320-322										1
28 Major cardiovascular diseases 390-448	27	43	63	1	18	11	79	16	105	136
29 Diseases of heart 390-398,402,404-429	16	28	48		18	9	61	12	76	93
30 Rheumatic fever and rheumatic heart disease 390-398	1									
31 Hypertensive heart disease 402								2	1	7
32 Hypertensive heart & renal disease .. 404			1						1	1
33 Ischemic heart disease 410-414	11	22	44		16	7	50	8	60	67
34 Acute myocardial infarction 410	7	17	18		12	7	35	7	22	21
35 Other ischemic heart disease .. 411-414	4	5	26		4		15	1	38	46
36 Other diseases of endocardium 424									1	1
37 All other forms of heart disease 415-423,425-429	4	6	3		2	2	11	2	13	17
38 Hypertension 401,403		1	1				2	1		2
39 Cerebrovascular diseases 430-438	7	14	10	1		1	13	2	24	39
40 Atherosclerosis 440	4		2			1	2	1	3	2
41 Other diseases of arteries, arterioles, and capillaries 441-448			2				1		2	
42 Acute bronchitis and bronchiolitis 466										1
43 Pneumonia and influenza 480-487		2	4				3	2	4	7
44 Chronic obstructive pulmonary diseases. 490-496		2	5		4		5		3	2
45 Ulcer of stomach and duodenum 531-533			1				2		1	1
46 Appendicitis 540-543			1				1			
47 Hernia & intestinal obstruction . 550-553,560										1
48 Chronic liver disease and cirrhosis 571	1						8	1	1	1
49 Cholelithiasis and other disorders of gall bladder 574-575									1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589							1	1		5
51 Infections of kidney 590									1	1
52 Hyperplasia of prostate 600										
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759							1			4
55 Certain conditions originating in the perinatal period 760-779	1	2	2				2		2	8
56 Symptoms and ill-defined conditions . 780-799		1				1	1			3
57 All other diseases .... Residual	2	3	5		1	4	15	4	15	21
58 Accidents E800-E949	2	3	5		8	1	4	2	10	11
59 Motor vehicle accidents E810-E825	1	3	3		4		2	1	3	7
60 Home accidents .... (Home) E850-E949			2				1		4	3
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	1				4	1	1	1	3	1
62 Suicide E950-E959			3				1		4	2
63 Homicide and legal intervention ... E960-E978			2		2	1	1			7
64 Other external causes E980-E999							1			

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 20

Cause of Death	Planning District 20			Isle of Wight		Southampton		Chesapeake	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	6,438	4,092	2,346	108	81	85	77	559	256
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009	2	1	1					1	
3 Tuberculosis, all forms 010-018	14	3	11					1	
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036	1	1						1	
7 Septicemia 038	60	35	25	2		1		7	1
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070									
11 Syphilis 090-097	1		1						
12 Other infectious & parasitic diseases Residual of 001-139	7	4	3						
13 Malignant neoplasms 140-208	1,437	964	473	30	13	23	14	135	59
14 Lip, oral cavity and pharynx 140-149	29	18	11					4	2
15 Digestive organs and peritoneum 150-159	367	217	150	8	2	5	3	28	17
16 Respiratory & intrathoracic organs. 160-165	423	295	128	7	3	9	4	49	19
17 Breast 174-175	102	73	29	2		5	1	8	4
18 Genital organs 179-187	135	74	61	4	3	1	4	6	3
19 Urinary organs 188-189	55	40	15	1	1	1	1	2	1
20 Other & unspecified sites . 170-173,190-199	205	159	46	6	3	1	1	22	6
21 Leukemia 204-208	52	42	10	2				5	3
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	69	46	23		1	1		11	4
23 Benign neoplasms and neoplasms of unspecified nature 210-239	19	15	4	1	1			1	
24 Diabetes mellitus 250	104	41	63		2		3	8	7
25 Nutritional deficiencies 260-269	8	4	4			1	1		
26 Anemias 280-285	11	5	6						
27 Meningitis 320-322	7	2	5						1
28 Major cardiovascular diseases 390-448	3,119	2,025	1,094	46	35	45	40	284	122
29 Diseases of heart 390-398,402,404-429	2,435	1,613	822	39	30	40	28	235	91
30 Rheumatic fever and rheumatic heart disease 390-398	20	15	5					6	
31 Hypertensive heart disease 402	94	44	50		1	2	1		5
32 Hypertensive heart & renal disease .. 404	17	5	12	1		1	1	1	
33 Ischemic heart disease 410-414	1,620	1,178	442	25	15	26	18	185	51
34 Acute myocardial infarction 410	885	650	235	16	7	14	15	97	28
35 Other ischemic heart disease .. 411-414	735	528	207	9	8	12	3	88	23
36 Other diseases of endocardium 424	15	10	5	1				1	1
37 All other forms of heart disease 415-423,425-429	669	361	308	12	14	11	8	42	34
38 Hypertension 401,403	29	10	19						2
39 Cerebrovascular diseases 430-438	540	325	215	6	2	5	10	43	25
40 Atherosclerosis 440	60	36	24		1		2	4	1
41 Other diseases of arteries, arterioles, and capillaries 441-448	55	41	14	1	2			2	3
42 Acute bronchitis and bronchiolitis 466	7	3	4	1					2
43 Pneumonia and influenza 480-487	155	106	49	6	1	3		13	8
44 Chronic obstructive pulmonary diseases. 490-496	141	109	32	2	3			11	3
45 Ulcer of stomach and duodenum 531-533	12	9	3	2				2	
46 Appendicitis 540-543	2		2						
47 Hernia & intestinal obstruction . 550-553,560	22	10	12	1				2	
48 Chronic liver disease and cirrhosis 571	96	59	37	1	1			8	
49 Cholelithiasis and other disorders of gall bladder 574-575	12	8	4					1	1
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	82	33	49		3		3	8	5
51 Infections of kidney 590	8	5	3					2	1
52 Hyperplasia of prostate 600	3	1	2						1
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	54	36	18			1	1	6	2
55 Certain conditions originating in the perinatal period 760-779	114	59	55		3	2	1	4	10
56 Symptoms and ill-defined conditions . 780-799	39	21	18	2	2				
57 All other diseases Residual	423	239	184	8	5	4	5	26	13
58 Accidents E800-E949	314	206	108	5	9	4	8	30	7
59 Motor vehicle accidents E810-E825	131	97	34	3	3	2	5	11	5
60 Home accidents (Home) E850-E949	79	42	37	1	3	1		10	1
61 All other accidents E800-E807,E826-E849 (Other) E850-E949	104	67	37	1	3	1	3	9	1
62 Suicide E950-E959	64	56	8	1		1		7	2
63 Homicide and legal intervention ... E960-E978	95	29	66		3		1	1	11
64 Other external causes E980-E999	5	3	2						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 20 (continued)

Cause of Death	Franklin City		Norfolk		Portsmouth		Suffolk		Virginia Beach	
	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	31	45	1,414	1,006	592	448	284	267	1,019	166
1 Shigellosis and amebiasis 004,006										
2 Certain other intestinal infections . 007-009		1								
3 Tuberculosis, all forms 010-018				8				1	2	2
4 Whooping cough 033										
5 Streptococcal sore throat, scarlatina and erysipelas 034-035										
6 Meningococcal infection 036										
7 Septicemia 038			8	16	5	6			12	2
8 Acute poliomyelitis 045										
9 Measles 055										
10 Viral hepatitis 070										
11 Syphilis 090-097				1						
12 Other infectious & parasitic diseases .... Residual of 001-139			1	2			1	1	2	
13 Malignant neoplasms 140-208	4	4	325	220	145	81	41	44	261	38
14 Lip, oral cavity and pharynx 140-149			7	5	2	2		1	5	1
15 Digestive organs and peritoneum ... 150-159	1	1	74	78	42	26	8	14	51	9
16 Respiratory & intrathoracic organs. 160-165	2	1	101	57	39	20	17	13	71	11
17 Breast 174-175			23	13	5	4	5	3	25	4
18 Genital organs 179-187	1	2	24	28	16	11	1	3	21	7
19 Urinary organs 188-189			15	5	8	3	1	3	12	1
20 Other & unspecified sites . 170-173,190-199			54	21	19	7	5	4	52	4
21 Leukemia 204-208			17	5	7	2	1		10	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203			10	8	7	6	3	3	14	1
23 Benign neoplasms and neoplasms of unspecified nature 210-239			5	1	1		1		6	2
24 Diabetes mellitus 250		2	11	31	3	11	8	4	11	3
25 Nutritional deficiencies 260-269			2	1				2	1	
26 Anemias 280-285			1	2	2	1	2	2		1
27 Meningitis 320-322			1			2			1	2
28 Major cardiovascular diseases 390-448	17	21	717	477	302	188	158	143	456	68
29 Diseases of heart 390-398,402,404-429	13	16	556	358	253	147	119	97	358	55
30 Rheumatic fever and rheumatic heart disease 390-398			3	2	1	1	2	2	3	
31 Hypertensive heart disease 402	2	2	22	28	9	4	4	8	5	1
32 Hypertensive heart & renal disease .. 404				7		1		2	2	1
33 Ischemic heart disease 410-414	7	9	404	169	184	82	80	62	267	36
34 Acute myocardial infarction 410	3	6	223	71	112	59	50	39	135	10
35 Other ischemic heart disease .. 411-414	4	3	181	98	72	23	30	23	132	26
36 Other diseases of endocardium 424			4		1	1		2	3	1
37 All other forms of heart disease 415-423,425-429	4	5	123	152	58	58	33	21	78	16
38 Hypertension 401,403			5	7	1	3	1	4	3	3
39 Cerebrovascular diseases 430-438	3	3	128	101	40	35	30	34	70	5
40 Atherosclerosis 440	1	2	12	9	1		3	7	15	2
41 Other diseases of arteries, arterioles, and capillaries 441-448			16	2	7	3	5	1	10	3
42 Acute bronchitis and bronchiolitis 466				1				1	2	
43 Pneumonia and influenza 480-487	2	4	35	17	13	12	7	5	27	2
44 Chronic obstructive pulmonary diseases. 490-496	1	1	46	7	17	7	7	5	25	6
45 Ulcer of stomach and duodenum 531-533				2	2	1	2		1	
46 Appendicitis 540-543						1				1
47 Hernia & intestinal obstruction . 550-553,560	1		3	9	1	2	1		1	1
48 Chronic liver disease and cirrhosis 571			24	21	11	9	2	6	13	
49 Cholelithiasis and other disorders of gall bladder 574-575			3	2		1	3		1	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589		3	11	19	3	9	5	4	6	3
51 Infections of kidney 590			1	1		1			2	
52 Hyperplasia of prostate 600				1	1					
53 Complications of pregnancy, childbirth, and the puerperium 630-676										
54 Congenital anomalies 740-759	1		11	8	1	6	3		13	1
55 Certain conditions originating in the perinatal period 760-779	1	1	24	20	9	12	1	4	18	4
56 Symptoms and ill-defined conditions . 780-799			10	6	1	3	1	5	7	2
57 All other diseases .... Residual	3	4	79	74	39	53	21	18	59	12
58 Accidents E800-E949	1	2	66	34	24	23	15	15	61	10
59 Motor vehicle accidents E810-E825		1	27	4	11	3	7	11	36	2
60 Home accidents .... (Home) E850-E949		1	16	14	7	12	2		5	6
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	1		23	16	6	8	6	4	20	2
62 Suicide E950-E959			16	2	4	2	4	1	23	1
63 Homicide and legal intervention ... E960-E978		2	12	22	8	16	1	6	7	5
64 Other external causes E980-E999			2	1		1			1	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 21

Cause of Death	Planning District 21			James City County		York		Hampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh	White	Nonwh
All causes	2,471	1,587	884	101	49	108	46	533	287
1 Shigellosis and amebiasis 004,006									
2 Certain other intestinal infections . 007-009									
3 Tuberculosis, all forms 010-018	5	2	3					1	
4 Whooping cough 033									
5 Streptococcal sore throat, scarlatina and erysipelas 034-035									
6 Meningococcal infection 036									
7 Septicemia 038	15	10	5		1	2		1	
8 Acute poliomyelitis 045									
9 Measles 055									
10 Viral hepatitis 070	1	1							
11 Syphilis 090-097									
12 Other infectious & parasitic diseases .... Residual of 001-139	2	1	1					1	
13 Malignant neoplasms 140-208	561	386	175	22	9	29	11	135	55
14 Lip, oral cavity and pharynx 140-149	19	12	7	2				5	1
15 Digestive organs and peritoneum ... 150-159	139	84	55	4	6	6	3	30	16
16 Respiratory & intrathoracic organs. 160-165	181	123	58	6	1	11	3	46	19
17 Breast 174-175	47	36	11	3		2		16	5
18 Genital organs 179-187	46	29	17	2		1	3	13	5
19 Urinary organs 188-189	20	17	3	2	1	2		3	1
20 Other & unspecified sites . 170-173,190-199	65	49	16	2		5	1	9	6
21 Leukemia 204-208	16	14	2	1	1	1		4	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	28	22	6			1	1	9	2
23 Benign neoplasms and neoplasms of unspecified nature 210-239	7	1	6						4
24 Diabetes mellitus 250	36	15	21		1		4	6	6
25 Nutritional deficiencies 260-269	3	2	1					1	
26 Anemias 280-285	7	2	5		1				2
27 Meningitis 320-322	4	3	1					1	
28 Major cardiovascular diseases 390-448	1,116	716	400	38	19	47	17	238	135
29 Diseases of heart 390-398,402,404-429	909	591	318	28	12	37	17	196	107
30 Rheumatic fever and rheumatic heart disease 390-398	3	1	2						1
31 Hypertensive heart disease 402	29	16	13	4			1	4	6
32 Hypertensive heart & renal disease .. 404	7	2	5					2	4
33 Ischemic heart disease 410-414	642	428	214	21	6	32	8	146	71
34 Acute myocardial infarction 410	353	240	113	14	5	20	3	96	49
35 Other ischemic heart disease .. 411-414	289	188	101	7	1	12	5	50	22
36 Other diseases of endocardium 424	7	5	2					2	2
37 All other forms of heart disease 415-423,425-429	221	139	82	3	6	5	8	42	23
38 Hypertension 401,403	8	3	5		1	1		1	2
39 Cerebrovascular diseases 430-438	159	98	61	9	4	7		32	19
40 Atherosclerosis 440	18	10	8		2	1		4	5
41 Other diseases of arteries, arterioles, and capillaries 441-448	22	14	8	1		1		5	2
42 Acute bronchitis and bronchiolitis 466	2	2						1	
43 Pneumonia and influenza 480-487	67	42	25	5	2	3	2	10	10
44 Chronic obstructive pulmonary diseases. 490-496	60	47	13	6	1	4	1	13	6
45 Ulcer of stomach and duodenum 531-533	8	7	1	2		1		3	
46 Appendicitis 540-543	3	2	1			1		1	1
47 Hernia & intestinal obstruction . 550-553,560	3	3							
48 Chronic liver disease and cirrhosis 571	41	30	11					13	3
49 Cholelithiasis and other disorders of gall bladder 574-575	1		1						
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	27	14	13	1	1	1		6	2
51 Infections of kidney 590	4	3	1	1					
52 Hyperplasia of prostate 600									
53 Complications of pregnancy, childbirth, and the puerperium 630-676									
54 Congenital anomalies 740-759	27	22	5			4	1	8	1
55 Certain conditions originating in the perinatal period 760-779	62	22	40	2	3	3	1	5	16
56 Symptoms and ill-defined conditions . 780-799	22	13	9	3		2		2	2
57 All other diseases .... Residual	166	102	64	13	5	4	4	39	18
58 Accidents E800-E949	126	84	42	6	6	3		23	11
59 Motor vehicle accidents E810-E825	55	38	17	2	2	1		12	5
60 Home accidents .... (Home) E850-E949	27	14	13		1	1		6	2
61 All other accidents ...., E800-E807,E826-E849 (Other) E850-E949	44	32	12	4	3	1		5	4
62 Suicide E950-E959	49	40	9	2		3	1	17	5
63 Homicide and legal intervention ... E960-E978	43	13	30			1	3	6	10
64 Other external causes E980-E999	3	2	1				1	2	

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 21 (continued)

Cause of Death	Newport News		Poquoson		Williamsburg	
	White	Nonwh	White	Nonwh	White	Nonwh
All causes	700	480	62		83	22
1 Shigellosis and amebiasis 004,006						
2 Certain other intestinal infections . 007-009						
3 Tuberculosis, all forms 010-018	1	3				
4 Whooping cough 033						
5 Streptococcal sore throat, scarlatina and erysipelas 034-035						
6 Meningococcal infection 036						
7 Septicemia 038	7	4				
8 Acute poliomyelitis 045						
9 Measles 055						
10 Viral hepatitis 070	1					
11 Syphilis 090-097						
12 Other infectious & parasitic diseases .... Residual of 001-139		1				
13 Malignant neoplasms 140-208	163	97	14		23	3
14 Lip, oral cavity and pharynx 140-149	4	6			1	
15 Digestive organs and peritoneum ... 150-159	36	30	3		5	
16 Respiratory & intrathoracic organs. 160-165	46	33	6		8	2
17 Breast 174-175	11	6	2		2	
18 Genital organs 179-187	10	8	2		1	1
19 Urinary organs 188-189	10	1				
20 Other & unspecified sites . 170-173,190-199	29	9	1		3	
21 Leukemia 204-208	7	1			1	
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	10	3			2	
23 Benign neoplasms and neoplasms of unspecified nature 210-239	1	2				
24 Diabetes mellitus 250	9	10				
25 Nutritional deficiencies 260-269	1	1				1
26 Anemias 280-285	2	1				
27 Meningitis 320-322	2	1				
28 Major cardiovascular diseases 390-448	329	219	31		33	10
29 Diseases of heart 390-398,402,404-429	285	174	24		21	8
30 Rheumatic fever and rheumatic heart disease 390-398	1	1				
31 Hypertensive heart disease 402	7	4			1	2
32 Hypertensive heart & renal disease .. 404		1				
33 Ischemic heart disease 410-414	199	123	17		13	6
34 Acute myocardial infarction 410	97	54	4		9	2
35 Other ischemic heart disease .. 411-414	102	69	13		4	4
36 Other diseases of endocardium 424	3					
37 All other forms of heart disease 415-423,425-429	75	45	7		7	
38 Hypertension 401,403	1	2				
39 Cerebrovascular diseases 430-438	34	36	5		11	2
40 Atherosclerosis 440	4	1	1			
41 Other diseases of arteries, arterioles, and capillaries 441-448	5	6	1		1	
42 Acute bronchitis and bronchiolitis 466			1			
43 Pneumonia and influenza 480-487	16	9	3		5	2
44 Chronic obstructive pulmonary diseases. 490-496	20	5	3		1	
45 Ulcer of stomach and duodenum 531-533	1	1				
46 Appendicitis 540-543						
47 Hernia & intestinal obstruction . 550-553,560	1		1		1	
48 Chronic liver disease and cirrhosis 571	15	8			2	
49 Cholelithiasis and other disorders of gall bladder 574-575		1				
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	10	2			
51 Infections of kidney 590	2	1				
52 Hyperplasia of prostate 600						
53 Complications of pregnancy, childbirth, and the puerperium 630-676						
54 Congenital anomalies 740-759	7	3	1		2	
55 Certain conditions originating in the perinatal period 760-779	12	19				1
56 Symptoms and ill-defined conditions . 780-799	6	7				
57 All other diseases .... Residual	38	35	1		7	2
58 Accidents E800-E949	41	23	5		6	2
59 Motor vehicle accidents E810-E825	20	10	2		1	
60 Home accidents .... (Home) E850-E949	4	10			3	
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	17	3	3		2	2
62 Suicide E950-E959	15	3			3	
63 Homicide and legal intervention ... E960-E978	6	16				1
64 Other external causes E980-E999						

TABLE 46 - DEATHS BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE BY RACE BY CAUSE, VIRGINIA, 1980
PLANNING DISTRICT 22

Cause of Death	Planning District 22			Accomack		Northampton	
	Total	White	Nonwh	White	Nonwh	White	Nonwh
All causes	619	393	226	306	141	87	85
1 Shigellosis and amebiasis 004,006							
2 Certain other intestinal infections . 007-009							
3 Tuberculosis, all forms 010-018	1		1				1
4 Whooping cough 033							
5 Streptococcal sore throat, scarlatina and erysipelas 034-035							
6 Meningococcal infection 036							
7 Septicemia 038	3	3		3			
8 Acute poliomyelitis 045							
9 Measles 055							
10 Viral hepatitis 070	2	1	1	1	1		
11 Syphilis 090-097							
12 Other infectious & parasitic diseases .... Residual of 001-139	2	1	1	1			1
13 Malignant neoplasms 140-208	139	81	58	62	35	19	23
14 Lip, oral cavity and pharynx 140-149							
15 Digestive organs and peritoneum ... 150-159	43	25	18	18	12	7	6
16 Respiratory & intrathoracic organs. 160-165	40	23	17	17	11	6	6
17 Breast 174-175	8	4	4	3	1	1	3
18 Genital organs 179-187	17	6	11	5	7	1	4
19 Urinary organs 188-189	7	6	1	6	1		
20 Other & unspecified sites . 170-173,190-199	14	9	5	5	2	4	3
21 Leukemia 204-208	3	3		3			
22 Other neoplasms of lymphatic and hematopoietic tissues 200-203	7	5	2	5	1		1
23 Benign neoplasms and neoplasms of unspecified nature 210-239	2	1	1	1	1		
24 Diabetes mellitus 250	12	8	4	7	3	1	1
25 Nutritional deficiencies 260-269							
26 Anemias 280-285	1	1		1			
27 Meningitis 320-322							
28 Major cardiovascular diseases 390-448	313	212	101	171	64	41	37
29 Diseases of heart 390-398,402,404-429	233	167	66	137	41	30	25
30 Rheumatic fever and rheumatic heart disease 390-398	1		1		1		
31 Hypertensive heart disease 402	11	5	6	5	4		2
32 Hypertensive heart & renal disease .. 404							
33 Ischemic heart disease 410-414	172	128	44	101	25	27	19
34 Acute myocardial infarction 410	115	87	28	68	17	19	11
35 Other ischemic heart disease .. 411-414	57	41	16	33	8	8	8
36 Other diseases of endocardium 424	3	1	2	1	1		1
37 All other forms of heart disease 415-423,425-429	46	33	13	30	10	3	3
38 Hypertension 401,403	7	1	6	1	4		2
39 Cerebrovascular diseases 430-438	58	34	24	26	15	8	9
40 Atherosclerosis 440	9	7	2	6	2	1	
41 Other diseases of arteries, arterioles, and capillaries 441-448	6	3	3	1	2	2	1
42 Acute bronchitis and bronchiolitis 466							
43 Pneumonia and influenza 480-487	9	7	2	4	1	3	1
44 Chronic obstructive pulmonary diseases. 490-496	19	16	3	11	1	5	2
45 Ulcer of stomach and duodenum 531-533	2	1	1	1	1		
46 Appendicitis 540-543							
47 Hernia & intestinal obstruction . 550-553,560	2	1	1	1	1		
48 Chronic liver disease and cirrhosis 571	5	3	2	2	1	1	1
49 Cholelithiasis and other disorders of gall bladder 574-575	2	2				2	
50 Nephritis, nephrotic syndrome, and nephrosis 580-589	4	1	3	1	3		
51 Infections of kidney 590							
52 Hyperplasia of prostate 600							
53 Complications of pregnancy, childbirth, and the puerperium 630-676							
54 Congenital anomalies 740-759	1		1		1		
55 Certain conditions originating in the perinatal period 760-779	1		1		1		
56 Symptoms and ill-defined conditions . 780-799	4	3	1	1	1	2	
57 All other diseases .... Residual	47	26	21	21	14	5	7
58 Accidents E800-E949	38	18	20	14	10	4	10
59 Motor vehicle accidents E810-E825	16	8	8	5	4	3	4
60 Home accidents .... (Home) E850-E949	11	4	7	4	5		2
61 All other accidents .... E800-E807,E826-E849 (Other) E850-E949	11	6	5	5	1	1	4
62 Suicide E950-E959	5	4	1	2	1	2	
63 Homicide and legal intervention ... E960-E978	5	3	2	1	1	2	1
64 Other external causes E980-E999							

TABLE 47
MARRIAGES BY TYPE OF CEREMONY BY MONTH
VIRGINIA, 1980

Month	Total	Type of Ceremony		
		Religious	Civil	Unknown
TOTAL	60,210	44,920	15,279	11
January	3,225	2,161	1,064	
February	3,641	2,522	1,119	
March	4,023	2,909	1,114	
April	4,751	3,519	1,232	
May	5,933	4,535	1,398	
June	7,169	5,821	1,348	
July	5,525	4,080	1,442	3
August	6,914	5,359	1,554	1
September	4,955	3,763	1,189	3
October	4,720	3,459	1,260	1
November	4,690	3,472	1,217	1
December	4,664	3,320	1,342	2

TABLE 48
MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE BY PREVIOUS MARITAL STATUS OF GROOM ACCORDING TO RACE OF GROOM, VIRGINIA, 1980

Previous Marital Status of Groom	Total	Previous Marital Status of Bride				
		Single	Widowed	Divorced	Annulled	Unknown
TOTAL	60,210	39,230	2,370	18,563	15	32
Single	38,508	31,970	352	6,171	5	10
Widowed	2,082	265	948	863	1	5
Divorced	19,582	6,982	1,066	11,518	7	9
Annulled	11	5	1	3	2	
Unknown	27	8	3	8		8
WHITE (Total)	51,317	32,381	2,065	16,826	15	30
Single	31,741	26,131	270	5,326	5	9
Widowed	1,795	183	849	757	1	5
Divorced	17,749	6,057	943	10,734	7	8
Annulled	11	5	1	3	2	
Unknown	21	5	2	6		8
NONWHITE (Total)	8,893	6,849	305	1,737		2
Single	6,767	5,839	82	845		1
Widowed	287	82	99	106		
Divorced	1,833	925	123	784		1
Annulled						
Unknown	6	3	1	2		

TABLE 49 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	60,210	51,317	8,893	60,210	51,467	8,743	60,210	51,317	8,893
District 1	2,390	2,360	30	850	839	11	875	867	8
Lee	402	398	4	184	184		187	187	
Scott	486	482	4	191	190	1	186	186	
Wise	1,424	1,403	21	475	465	10	501	493	8
Norton	78	77	1				1	1	
District 2	4,683	4,625	58	1,456	1,442	14	1,405	1,395	10
Buchanan	929	928	1	363	363		396	396	
Dickenson	2,617	2,606	11	289	288	1	236	236	
Russell	520	509	11	371	366	5	349	346	3
Tazewell	617	582	35	433	425	8	424	417	7
District 3	1,970	1,924	46	1,528	1,492	36	1,456	1,413	43
Bland	82	80	2	53	53		60	58	2
Carroll	199	198	1	211	208	3	197	194	3
Grayson	164	162	2	152	145	7	148	145	3
Smyth	314	306	8	302	297	5	284	276	8
Washington	462	453	9	409	402	7	401	392	9
Wythe	319	311	8	239	234	5	226	219	7
Bristol	364	351	13	155	146	9	132	122	10
Galax	66	63	3	7	7		8	7	1
District 4	2,909	2,821	88	1,192	1,132	60	1,218	1,164	54
Floyd	85	84	1	79	73	6	85	83	2
Giles	1,858	1,821	37	150	147	3	138	135	3
Montgomery	506	485	21	535	514	21	561	536	25
Pulaski	336	315	21	317	294	23	325	309	16
Radford	124	116	8	111	104	7	109	101	8
District 5	2,801	2,590	211	2,345	2,160	185	2,195	2,011	184
Alleghany	218	215	3	123	120	3	140	139	1
Botetourt	190	181	9	174	164	10	174	167	7
Craig	38	38		33	33		33	33	
Roanoke	353	347	6	636	628	8	572	558	14
Clifton Forge	147	136	11	51	44	7	38	34	4
Covington	293	272	21	100	92	8	89	82	7
Roanoke City	1,350	1,196	154	999	854	145	946	800	146
Salem	212	205	7	229	225	4	203	198	5
District 6	2,111	2,031	80	1,913	1,845	68	1,823	1,749	74
Augusta	404	396	8	513	496	17	489	473	16
Bath	125	123	2	54	51	3	58	46	12
Highland	29	29		14	14		20	19	1
Rockbridge	113	107	6	130	126	4	124	121	3
Rockingham	464	455	9	659	649	10	633	621	12
Buena Vista	90	89	1	71	68	3	68	65	3
Harrisonburg	236	232	4	5	4	1	18	18	
Lexington	93	86	7	57	53	4	50	45	5
Staunton	317	285	32	218	201	17	206	188	18
Waynesboro	240	229	11	192	183	9	157	153	4
District 7	3,301	3,199	102	1,253	1,224	29	1,210	1,165	45
Clarke	95	86	9	62	57	5	62	58	4
Frederick	584	579	5	337	333	4	323	318	5
Page	170	166	4	146	145	1	137	133	4
Shenandoah	294	290	4	267	265	2	256	251	5
Warren	253	243	10	209	205	4	199	189	10
Winchester	1,905	1,835	70	232	219	13	233	216	17
District 8	10,926	9,389	1,537	9,012	8,043	969	8,625	7,660	965
Arlington	2,297	1,790	507	1,358	1,149	209	1,315	1,104	211
Fairfax	3,151	2,979	172	4,560	4,199	361	4,216	3,856	360
Loudoun	545	521	24	479	452	27	474	456	18
Prince William	908	829	79	1,347	1,250	97	1,391	1,281	110
Alexandria	1,877	1,358	519	1,096	831	265	1,056	804	252
Fairfax City	1,321	1,140	181	110	105	5	103	94	9
Falls Church	362	341	21	59	54	5	62	57	5
Manassas	461	427	34	3	3		7	7	
Manassas Park	4	4					1	1	
District 9	801	685	116	725	635	90	719	618	101
Culpeper	189	162	27	168	146	22	170	144	26
Fauquier	341	284	57	282	241	41	290	247	43
Madison	92	83	9	82	75	7	67	56	11
Orange	133	114	19	144	124	20	147	127	20
Rappahannock	46	42	4	49	49		45	44	1
District 10	1,294	1,128	166	1,225	1,072	153	1,164	1,023	141
Albemarle	351	316	35	526	474	52	488	442	46
Fluvanna	60	47	13	68	57	11	74	60	14
Greene	71	70	1	68	67	1	57	56	1
Louisa	127	98	29	118	91	27	109	87	22
Nelson	111	95	16	90	72	18	93	81	12
Charlottesville	574	502	72	355	311	44	343	297	46
District 11	1,655	1,424	231	1,607	1,400	207	1,566	1,351	215
Amherst	230	193	37	222	193	29	216	192	24
Appomattox	98	83	15	92	77	15	90	75	15
Bedford	239	214	25	293	254	39	276	243	33
Campbell	271	243	28	378	348	30	378	340	38
Bedford City	101	80	21	43	38	5	51	44	7
Lynchburg	716	611	105	579	490	89	555	457	98

*Refers to the race of the groom.

(continued)

TABLE 49 - MARRIAGES BY PLACE OF MARRIAGE, RESIDENCE OF BRIDE, AND RESIDENCE OF GROOM
BY RACE, BY PLANNING DISTRICT AND CITY OR COUNTY, VIRGINIA, 1980 (continued)

Planning District/ City or County	PLACE OF MARRIAGE			RESIDENCE OF BRIDE			RESIDENCE OF GROOM		
	Total	White*	Nonwhite*	Total	White	Nonwhite	Total	White	Nonwhite
STATE OF VIRGINIA	60,210	51,317	8,893	60,210	51,467	8,743	60,210	51,317	8,893
District 12	2,220	1,756	464	2,015	1,619	396	1,932	1,541	391
Franklin	273	238	35	269	237	32	273	246	27
Henry	425	390	35	548	463	85	504	428	76
Patrick	148	133	15	115	107	8	107	96	11
Pittsylvania	470	336	134	492	365	127	488	363	125
Danville	556	412	144	405	305	100	394	283	111
Martinsville	348	247	101	186	142	44	166	125	41
District 13	657	442	215	582	389	193	558	370	188
Brunswick	98	59	39	84	52	32	86	50	36
Halifax	257	175	82	287	192	95	269	179	90
Mecklenburg	234	165	69	196	134	62	193	133	60
South Boston	68	43	25	15	11	4	10	8	2
District 14	659	466	193	606	421	185	610	433	177
Amelia	89	65	24	79	56	23	82	64	18
Buckingham	79	59	20	78	58	20	89	70	19
Charlotte	98	71	27	91	62	29	96	64	32
Cumberland	57	40	17	47	29	18	43	29	14
Lunenburg	85	59	26	78	53	25	90	62	28
Nottoway	139	100	39	115	83	32	113	82	31
Prince Edward	112	72	40	118	80	38	97	62	35
District 15	5,649	4,280	1,369	5,827	4,477	1,350	5,659	4,327	1,332
Charles City Co.	54	13	41	58	18	40	57	18	39
Chesterfield	853	803	50	1,240	1,145	95	1,153	1,067	86
Goochland	99	67	32	88	58	30	96	68	28
Hanover	406	366	40	392	346	46	353	317	36
Henrico	1,025	974	51	1,687	1,521	166	1,592	1,429	163
New Kent	68	51	17	65	49	16	70	56	14
Powhatan	104	82	22	82	74	8	78	66	12
Richmond City	3,040	1,924	1,116	2,215	1,266	949	2,260	1,306	954
District 16	983	877	106	916	818	98	854	769	85
Caroline	102	72	30	108	80	28	108	84	24
King George	75	63	12	58	48	10	57	51	6
Spotsylvania	219	195	24	301	272	29	272	245	27
Stafford	298	284	14	290	277	13	272	261	11
Fredericksburg	289	263	26	159	141	18	145	128	17
District 17	287	196	91	265	181	84	246	171	75
Lancaster	90	62	28	80	53	27	70	42	28
Northumberland	61	39	22	52	33	19	56	45	11
Richmond	48	32	16	49	34	15	48	35	13
Westmoreland	88	63	25	84	61	23	72	49	23
District 18	473	353	120	435	336	99	444	341	103
Essex	59	39	20	60	36	24	61	37	24
Gloucester	132	115	17	159	144	15	160	144	16
King and Queen	52	28	24	38	22	16	42	22	20
King William	87	59	28	67	48	19	69	48	21
Mathews	63	49	14	52	42	10	53	45	8
Middlesex	80	63	17	59	44	15	59	45	14
District 19	1,914	1,263	651	1,360	932	428	1,293	884	409
Dinwiddie	134	97	37	172	126	46	167	121	46
Greensville	43	24	19	74	35	39	73	38	35
Prince George	230	166	64	159	130	29	147	118	29
Surry	33	19	14	36	17	19	31	16	15
Sussex	80	45	35	76	32	44	79	37	42
Colonial Heights	208	195	13	157	155	2	144	139	5
Emporia	343	177	166	54	36	18	42	27	15
Hopewell	246	216	30	262	234	28	262	220	42
Petersburg	597	324	273	370	167	203	348	168	180
District 20	8,461	6,376	2,085	7,966	6,001	1,965	7,478	5,628	1,850
Isle of Wight	171	102	69	165	106	59	160	102	58
Southampton	137	78	59	152	86	66	147	78	69
Chesapeake	806	629	177	1,026	780	246	904	692	212
Franklin	76	37	39	27	14	13	32	18	14
Norfolk	3,164	2,216	948	2,683	1,848	835	2,592	1,802	790
Portsmouth	1,095	703	392	872	544	328	837	539	298
Suffolk	350	186	164	342	189	153	313	168	145
Virginia Beach	2,662	2,425	237	2,699	2,434	265	2,493	2,229	264
District 21	3,693	2,859	834	3,333	2,532	801	3,202	2,403	799
James City Co.	99	73	26	167	130	37	141	110	31
York	219	190	29	250	214	36	242	197	45
Hampton	1,151	873	278	1,277	938	339	1,156	836	320
Newport News	1,755	1,298	457	1,496	1,122	374	1,520	1,131	389
Poquoson	44	44		39	39		37	37	
Williamsburg	425	381	44	104	89	15	106	92	14
District 22	299	214	85	256	183	73	246	173	73
Accomack	176	140	36	151	121	30	138	108	30
Northampton	123	74	49	105	62	43	108	65	43
Unknown Virginia	60	48	12	4	4		9	7	2
Out-of-State	14	11	3	13,539	12,290	1,249	15,423	13,854	1,569

*Refers to the race of the groom.

TABLE 50 - MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM, VIRGINIA, 1980

AGE OF GROOM (in years)	Total	AGE OF BRIDE (in years)																														
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 +	Unk.
TOTAL	60,210	66	213	1,804	2,175	5,116	4,869	4,562	4,420	4,288	3,854	3,300	2,830	2,459	2,048	1,833	1,658	1,446	1,306	1,242	1,221	804	3,217	1,936	1,250	816	555	453	285	124	57	3
Under 15	1				1																											
15	5	1		1	1			1																1								
16	110	7	15	30	25	13	8	6	1	1	1			2				1														
17	552	11	26	171	129	117	46	29	10	4	3	2	2	1							1											
18	2,043	15	55	359	352	628	326	119	56	35	33	18	6	10	4	6	6	1	3	2	4	1	3		1							
19	3,160	10	34	378	434	946	578	332	164	88	58	37	33	12	11	8	10	3	3	5	2	4	8	1		1						
20	3,827	11	24	252	349	892	816	582	323	165	119	79	66	36	25	14	16	9	10	7	12	6	12	2								
21	4,369	5	13	212	297	763	748	705	614	366	223	114	77	55	35	26	21	16	18	13	13	8	14	9	4							
22	4,613	4	19	128	189	535	633	707	716	666	356	192	115	87	64	41	41	28	25	19	11	9	24	4								
23	4,227	1	11	73	100	356	452	524	636	670	515	248	190	128	75	54	56	35	32	19	14	11	20	3	4							
24	3.913		4	59	98	262	319	384	482	514	539	387	250	181	118	77	51	44	37	31	21	11	36	7	1							
25	3,384			42	53	162	243	289	337	411	417	405	327	212	119	92	60	45	35	28	27	17	45	14	2	1	1					
26	2,951		1	23	45	131	183	203	249	282	328	332	297	230	154	118	107	59	47	32	40	30	47	6	3	3						1
27	2,582		1	14	27	73	130	155	189	200	251	274	246	248	182	165	110	79	57	42	49	17	54	13	5	1						
28	2,324		3	14	20	58	89	124	148	181	182	265	219	216	171	156	113	86	61	64	34	26	70	20	2	2						
29	2,088		1	8	19	40	71	88	100	137	147	183	211	197	187	161	121	106	76	54	48	27	77	22	6	1						
30	1,850		2	6	6	41	50	83	78	119	140	134	135	148	144	151	138	121	81	82	68	27	80	13	1	2						
31	1,654			6	6	16	36	61	56	86	99	130	145	128	140	110	117	103	107	80	61	33	95	30	3	2	1	1	1			1
32	1,564		2	6	4	15	33	32	52	79	89	84	103	116	119	127	109	109	100	100	87	41	121	26	8	1	1					
33	1,450			2	5	16	21	31	52	54	80	96	92	97	101	97	114	84	106	85	92	37	147	32	6	2	1					
34	1,064			4	2	10	21	25	27	50	62	48	58	57	65	69	55	75	58	75	68	46	135	40	11	1	1	1				
35-39	4,314			9	8	22	43	55	81	128	136	187	173	202	216	240	257	252	232	258	284	216	835	342	97	30	6	3	2			
40-44	2,552			3	3	9	11	10	27	33	46	53	54	64	77	72	94	103	130	130	149	111	647	456	192	50	21	6	1			
45-49	1,770	1		4	1	2	2	9	14	12	18	20	16	17	26	38	39	46	46	71	81	59	374	436	284	105	36	8	5			
50-54	1,340				1	3	6	3	3	1	8	6	12	9	8	4	16	33	30	26	37	37	222	258	298	196	75	34	8	3	3	
55-59	948		1			4	1	3	4	3		6	3	4	3	4	5	5	5	17	13	16	105	132	176	212	130	69	22	4	1	
60-64	682					1	2	1		2	2			1	2	2	2	2	3	2	4	7	31	51	94	132	151	138	46	4	2	
65-69	391					1	1	1		1	2			1	1	1			2		1	6	6	11	30	48	82	99	77	19	1	
70-74	266		1						1						1				1			1	5	5	10	19	33	62	73	40	13	1
75+	216																	1	1				4	2	12	7	16	32	50	54	37	

TABLE 51
DIVORCES (INCLUDING ANNULMENTS) AND ANNULMENTS ONLY BY RACE BY MONTH OF DECREE VIRGINIA, 1980

Month	Final Divorces (Including Annulments)			Annulments Only		
	Total	White	Nonwhite	Total	White	Nonwhite
TOTAL	23,615	19,770	3,845	117	98	19
January	1,686	1,378	308	8	6	2
February	1,697	1,423	274	7	6	1
March	1,830	1,550	280	11	8	3
April	2,078	1,725	353	12	11	1
May	1,995	1,698	297	9	9	
June	2,039	1,673	366	12	9	3
July	2,006	1,683	323	8	7	1
August	1,867	1,511	356	9	7	2
September	1,979	1,660	319	8	7	1
October	2,123	1,768	355	12	10	2
November	1,795	1,525	270	12	11	1
December	2,520	2,176	344	9	7	2

TABLE 52
DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND BY PLACE OF MARRIAGE AND NUMBER OF MINOR CHILDREN IN FAMILY, VIRGINIA, 1980

Place of Marriage/Minor Children	Total	White	Nonwhite
ALL DIVORCES AND ANNULMENTS	23,615	19,770	3,845
By place of marriage:			
State of Virginia	14,772	11,945	2,827
Outside of Virginia	8,835	7,820	1,015
Unknown	8	5	3
By number of minor children in family:			
No children	9,576	8,246	1,330
1 child	6,379	5,258	1,121
2 children	4,326	3,571	755
3 children	1,272	979	293
4 children	395	272	123
5 children	88	56	32
6 children	24	17	7
7 children	8	2	6
8 children	3	2	1
9 children			
10 children or more	1	1	
Unknown	1,543	1,366	177

TABLE 53 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1980

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprisonment	Other & Unknown	Annulments
STATE OF VIRGINIA	23,615	19,770	3,845	19,921	2,595	458	72	452	117
District 1	337	333	4	196	122	10	2	5	2
Lee	91	90	1	69	19	1	1	1	
Scott	37	37		17	18			1	1
Wise	209	206	3	110	85	9	1	3	1
Norton	(Included with Wise County)								
District 2	443	435	8	315	88	20	2	12	6
Buchanan	108	108		85	15	4	1	2	1
Dickenson	80	80		48	21	6	1	2	2
Russell	113	112	1	78	25	5		3	2
Tazewell	142	135	7	104	27	5		5	1
District 3	731	719	12	549	126	21	5	26	4
Bland	19	19		16	3				
Carroll	123	120	3	74	23	9	1	16	
Grayson	78	77	1	51	21	4		1	1
Smyth	150	148	2	123	19	3		5	
Washington	183	180	3	145	31	2	3	1	1
Wythe	97	97		90	2	3		1	1
Bristol	81	78	3	50	27		1	2	1
Galax	(Included with Carroll & Grayson Cos.)								
District 4	533	512	21	471	46	6		8	2
Floyd	31	30	1	24	5			2	
Giles	67	64	3	56	9			2	
Montgomery	234	227	7	203	24	4		3	
Pulaski	153	145	8	141	7	2		1	2
Radford	48	46	2	47	1				
District 5	1,187	1,082	105	822	239	21	6	91	8
Alleghany	89	85	4	71	9	1	1	6	1
Botetourt	102	99	3	89	9			4	
Craig	11	11		4	6	1			
Roanoke	363	356	7	217	102	11	1	29	3
Clifton Forge	15	12	3	5	9			1	
Covington	(Included with Alleghany County)								
Roanoke City	497	412	85	355	83	5	4	46	4
Salem	110	107	3	81	21	3		5	
District 6	803	772	31	678	84	19	2	19	1
Augusta	227	221	6	182	33	6	1	5	
Bath	21	21		15	3	2		1	
Highland	8	8		6	2				
Rockbridge	85	76	9	61	19	2	1	2	
Rockingham	240	232	8	224	6	5		5	
Buena Vista	42	41	1	38	3	1			
Harrisonburg	(Included with Rockingham County)								
Lexington	(Included with Rockbridge County)								
Staunton	98	92	6	82	9	2		5	
Waynesboro	82	81	1	70	9	1		1	1
District 7	600	582	18	531	37	13	2	16	1
Clarke	37	31	6	34	1	2			
Frederick	149	148	1	142	3	1		3	
Page	72	71	1	56	9	2		5	
Shenandoah	97	96	1	89	4	2	1	1	
Warren	102	96	6	85	10	3		3	1
Winchester	143	140	3	125	10	3	1	4	
District 8	5,049	4,525	524	4,686	231	73	4	35	20
Arlington	739	637	102	699	27	6	1	2	4
Fairfax	2,731	2,538	193	2,519	132	44	3	22	11
Loudoun	247	235	12	231	9	3		3	1
Prince William	649	612	37	605	30	11		2	1
Alexandria	683	503	180	632	33	9		6	3
Fairfax City	(Included with Fairfax County)								
Falls Church	(Included with Fairfax County)								
Manassas	(Included with Prince William Co.)								
Manassas Park	(Included with Prince William Co.)								
District 9	316	279	37	264	39	5		6	2
Culpeper	83	74	9	66	16			1	
Fauquier	124	111	13	110	9	3		2	
Madison	36	32	4	27	5	1		1	2
Orange	57	48	9	47	8	1		1	
Rappahannock	16	14	2	14	1			1	
District 10	603	515	88	526	37	21	4	13	2
Albemarle	236	213	23	212	9	9	2	3	1
Fluvanna	24	20	4	18	2	2		2	
Greene	33	30	3	27	4			2	
Louisa	50	44	6	35	8	4		3	
Nelson	51	40	11	50	1				
Charlottesville	209	168	41	184	13	6	2	3	1
District 11	791	657	134	645	86	38	5	10	7
Amherst	98	81	17	73	16	6		3	
Appomattox	46	42	4	26	14	4		2	
Bedford	147	131	16	115	22	6	1	3	
Campbell	169	152	17	137	16	9	2	2	3
Bedford City	(Included with Bedford County)								
Lynchburg	331	251	80	294	18	13	2		4

(continued)

TABLE 53 - DIVORCES (INCLUDING ANNULMENTS) BY RACE OF HUSBAND AND CAUSE OF DIVORCE BY PLANNING DISTRICT AND CITY OR COUNTY WHERE GRANTED, VIRGINIA, 1980 (continued)

Planning District/ City or County	ALL DIVORCES (Including Annulments)			CAUSE OF DIVORCE					
	Total	White	Nonwhite	Separation	Desertion	Adultery	Imprisonment	Other & Unknown	Annulments
STATE OF VIRGINIA	23,615	19,770	3,845	19,921	2,595	458	72	452	117
District 12	899	739	160	699	140	23	11	24	2
Franklin	37	33	4	27	8			2	
Henry	272	242	30	198	60	5	3	6	
Patrick	62	62		55	4		2		1
Pittsylvania	217	166	51	172	28	10	2	5	
Danville	228	170	58	181	25	7	3	11	1
Martinsville	83	66	17	66	15	1	1		
District 13	258	183	75	196	53	4	2	1	2
Brunswick	34	20	14	26	7				1
Halifax	121	84	37	84	34	1	1		1
Mecklenburg	103	79	24	86	12	3	1	1	
South Boston	(Included with Halifax County)								
District 14	266	184	82	221	24	12	3	4	2
Amelia	22	18	4	15	2	3	1	1	
Buckingham	34	24	10	29	4		1		
Charlotte	39	27	12	23	8	6	1		1
Cumberland	18	13	5	16	1			1	
Lunenburg	40	28	12	36	1	2		1	
Nottoway	55	35	20	51	3	1			
Prince Edward	58	39	19	51	5			1	1
District 15	3,292	2,549	743	2,718	422	56	9	69	18
Charles City Co.	24	7	17	23	1				
Chesterfield	766	723	43	608	120	22	3	9	4
Goochland	32	23	9	27	4		1		
Hanover	227	214	13	190	29	1	1	3	3
Henrico	961	828	133	786	130	16		24	5
New Kent	38	35	3	32	6				
Powhatan	41	37	4	36	4			1	
Richmond City	1,203	682	521	1,016	128	17	4	32	6
District 16	480	435	45	419	38	14	1	8	
Caroline	57	42	15	47	6	3		1	
King George	41	39	2	31	8	1	1		
Spotsylvania	136	124	12	119	7	6		4	
Stafford	176	169	7	159	12	2		3	
Fredericksburg	70	61	9	63	5	2			
District 17	127	92	35	106	10	1	1	6	3
Lancaster	33	28	5	27	2		1	1	2
Northumberland	28	17	11	22	3	1		1	1
Richmond	22	17	5	17	5				
Westmoreland	44	30	14	40				4	
District 18	202	157	45	187	10	2		3	
Essex	36	19	17	31	3	2			
Gloucester	83	74	9	77	6				
King and Queen	14	11	3	14					
King William	33	22	11	33					
Mathews	19	18	1	16				3	
Middlesex	17	13	4	16	1				
District 19	709	465	244	563	98	24	1	22	1
Dinwiddie	66	51	15	56	6	3		1	
Greensville	62	36	26	50	10	1		1	
Prince George	78	61	17	65	11	1		1	
Surry	23	14	9	23					
Sussex	33	15	18	24	7	2			
Colonial Heights	91	91		65	17	2		6	1
Emporia	(Included with Greensville County)								
Hopewell	138	111	27	100	24	6		8	
Petersburg	218	86	132	180	23	9	1	5	
District 20	4,055	3,152	903	3,374	549	52	3	51	26
Isle of Wight	89	68	21	67	15			7	
Southampton	76	39	37	71	4				1
Chesapeake	555	458	97	450	92	7		4	2
Franklin City	(Included with Southampton County)								
Norfolk	1,264	890	374	1,069	152	18	1	13	11
Portsmouth	542	345	197	438	89	5	2	5	3
Suffolk	191	116	75	171	15	1		4	
Virginia Beach	1,338	1,236	102	1,108	182	21		18	9
District 21	1,785	1,292	493	1,615	112	22	6	22	8
James City Co.	135	102	33	116	16	1	1	1	
York	168	147	21	153	8	3		3	1
Hampton	517	344	173	471	31	7		3	5
Newport News	930	671	259	842	56	11	4	15	2
Poquoson	(Included with York County)								
Williamsburg	35	28	7	33	1		1		
District 22	149	111	38	140	4	1	3	1	
Accomack	97	78	19	93	1	1	1	1	
Northampton	52	33	19	47	3		2		

TABLE 54
DIVORCES (INCLUDING ANNULMENTS) BY DURATION OF MARRIAGE AND PERSON GRANTED DIVORCE BY PLAINTIFF AND CAUSE OF DIVORCE, VIRGINIA, 1980

Cause	PLAINTIFF	TOTAL	DURATION OF MARRIAGE IN YEARS																		GRANTED TO		
			Under 1 year	1	2	3	4	5	6	7	8	9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Unk.	Husband	Wife	Other & Unknown
ALL CAUSES	Total	23,615	75	933	1,691	1,874	1,905	1,778	1,648	1,552	1,347	1,167	4,164	2,339	1,519	889	446	176	95	17	9,249	14,200	166
	Husband	9,165	26	353	619	699	728	628	622	598	506	456	1,607	939	659	382	194	88	50	11	8,720	395	50
	Wife	14,439	48	579	1,072	1,175	1,176	1,149	1,026	954	841	711	2,554	1,398	859	507	252	87	45	6	528	13,801	110
	Oth./Unk.	11	1	1			1	1					3	2	1			1			1	4	6
Separation for more than one year	Total	19,921	14	658	1,390	1,577	1,607	1,525	1,427	1,353	1,167	996	3,584	1,945	1,295	752	382	151	82	16	8,024	11,758	139
	Husband	7,925	5	247	499	599	600	541	559	516	449	394	1,442	825	593	340	177	82	46	11	7,592	290	43
	Wife	11,987	9	410	891	978	1,006	983	868	837	718	602	2,140	1,118	701	412	205	68	36	5	431	11,465	91
	Oth./Unk.	9		1			1	1					2	2	1			1			1	3	5
Desertion	Total	2,595	3	180	219	219	216	177	157	141	128	127	416	278	166	93	46	19	9	1	958	1,624	13
	Husband	961	2	83	107	80	101	64	48	69	47	47	123	88	51	30	12	5	4		882	73	6
	Wife	1,633	1	97	112	139	115	113	109	72	81	80	292	190	115	63	34	14	5	1	76	1,550	7
	Oth./Unk.	1											1									1	
Adultery, Sodomy	Total	458	14	20	26	35	30	36	30	24	19	17	87	60	28	24	5	3			191	267	
	Husband	192	4	13	10	14	16	17	14	7	7	11	36	22	11	8	1	1			178	14	
	Wife	266	10	7	16	21	14	19	16	17	12	6	51	38	17	16	4	2			13	253	
	Oth./Unk.																						
Imprisonment	Total	72	1	5	10	8	9	5	7	4	4	3	7	4	2	2		1			1	69	2
	Husband	2													1	1					1	1	
	Wife	70	1	5	10	8	9	5	7	4	4	3	7	4	1	1		1				68	2
	Oth./Unk.																						
Cruelty	Total	423	1	37	36	25	30	29	24	25	25	19	64	48	25	16	13	2	4		34	382	7
	Husband	40		3	2	4	4	3		4	3	3	3	3	3	1	4				28	11	1
	Wife	383	1	34	34	21	26	26	24	21	22	16	61	45	22	15	9	2	4		6	371	6
	Oth./Unk.																						
Other and Unknown	Total	29		2	2	4	4	2	1		1	2	4	3	2	2					10	15	4
	Husband	12		1	1	1	2	1				1	2	1		2					10	2	
	Wife	17		1	1	3	2	1	1		1	1	2	2	2							13	4
	Oth./Unk.																						
Annulments	Total	117	42	31	8	6	9	4	2	5	3	3	2	1	1						31	85	1
	Husband	33	15	6		1	5	2	1	2			1								29	4	
	Wife	83	26	25	8	5	4	2	1	3	3	3	1	1	1						2	81	
	Oth./Unk.	1	1																				1

TABLE 55
DIVORCES (INCLUDING ANNULMENTS) BY AGE OF WIFE BY AGE OF HUSBAND, VIRGINIA, 1980

Age of Husband (in years)	TOTAL	AGE OF WIFE (in years)																														
		Under 15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 and Over	Unk.
TOTAL	23,615	1	2	12	38	140	280	510	682	880	1,019	1,140	1,250	1,232	1,184	1,128	1,134	1,071	1,033	1,087	1,014	687	3,153	1,948	1,217	761	432	201	79	43	14	243
Under 15 .																																
15																																
16																																
17	7			1	1	3	1	1																								
18	11			1	1	3	3	2	1																							
19	57	1		1	8	13	14	11	3	4		1			1																	
20	174			4	6	29	36	52	23	7	4	3	4	3	2		1															
21	299		1		6	18	62	79	55	38	17	8	3	1	2		1	1		1			2	1								3
22	503		1	2	5	25	54	102	111	84	49	22	12	8	4	6	1	7	1	1	1		3			1						3
23	755			2	4	14	40	76	136	155	135	66	38	28	10	15	12	7	5		2	3	2									5
24	792			1	1	13	22	60	103	145	166	128	60	30	17	3	10	9	1	4	2	1	5	3								8
25	1,034					5	8	36	83	135	196	185	170	89	35	22	14	16	9	6	4	4	10	4								3
26	1,013				1	8	7	27	47	87	121	179	207	151	72	24	19	10	9	16	9	1	8	1		2		1				6
27	1,143				1	3	6	18	40	83	104	145	186	187	175	90	36	18	11	12	6	4	11	1	1							5
28	1,121						11	10	23	39	73	95	153	180	178	154	69	34	26	15	17	8	24	4								8
29	1,130				1		6	7	15	27	43	92	104	141	160	162	162	79	44	32	11	10	16	8	1	1						8
30	1,124						4	5	13	22	27	56	85	100	144	151	174	138	75	51	15	16	31	11		1						5
31	1,175						1	4	8	14	24	52	58	93	110	125	158	171	160	82	44	18	37	8	2	1				1		4
32	1,120				1	1	1	4	2	10	14	28	41	52	81	92	143	152	156	162	65	31	66	7	4							7
33	1,051					1	1	3	2	5	14	8	28	49	58	84	99	121	124	158	142	48	75	17	3	2						9
34	913								2	5	4	18	17	21	34	58	65	72	90	143	149	81	116	23	6	1	1					7
35-39	3,674					2	1	7	9	12	12	31	56	67	66	106	113	156	232	290	424	339	1,428	207	51	21	3	2	1			38
40-44	2,425				1		1	1	3	2	8	10	13	14	20	21	38	44	49	79	78	81	927	814	142	47	10	4				16
45-49	1,558									4	1	1	2	6	7	8	8	21	19	22	28	24	224	557	475	105	21	7	1			17
50-54	1,123						1				1	1	1	1	1	2	2	8	14	5	8	6	94	185	362	318	85	11	5			12
55-59	635										1		4				2	3	1	3	2	6	34	53	108	176	162	45	11	3	1	20
60-64	322							1										1		1	1	2	11	18	34	55	101	70	14	6	1	6
65-69	156														1						1	1	7	6	13	17	32	38	20	10	2	8
70-74	70																							1	8	1	10	13	17	17	1	2
75 & over.	43				1																		2			2	6	8	6	5	9	4
Unknown ..	187					2		4	3	2	5	11	8	11	6	5	7	3	7	4	5	3	20	19	7	10	1	2	4	1		37

COMMUNICABLE DISEASE

COMMUNICABLE DISEASE

Reported cases of immunizable diseases continued to decline in 1980 with the least number of mumps, pertussis and rubella cases reported since surveillance of those diseases began.

Of the forty-two cases of rubella (no outbreaks) reported, 62 percent were in the 10-19 year age group.

Three of the seven rubeola outbreaks investigated in 1980 occurred among military personnel and their dependents. Sixty percent of the 339 cases were in the 10-19 year age group.

All three cases of tetanus (1 death) occurred in previously unimmunized adults.

Forty percent of the reported pertussis cases occurred in unimmunized children ranging in age from 7 weeks to 14 years.

There were no cases of polio or diphtheria.

Twenty-three percent of the 188 cases of aseptic meningitis reported in 1980 occurred in the less than one year age group. The etiology was unknown for most cases, but of those for which the etiology was confirmed, 40 percent were due to a herpes virus and 60 percent to a coxsackie virus.

The number of reported cases of encephalitis remained at expected levels in 1980. Of the cases for which an etiology was known, 84 percent were due to a virus (35 percent to herpes).

The three predominating organisms identified in 1980's bacterial meningitis cases (excluding meningococcal) were H. influenzae (56 percent), S. pneumoniae (18 percent), and Group B Strep (7 percent).

Nineteen of the 105 cases of H. influenzae meningitis were ampicillin resistant.

The largest number of bacterial meningitis deaths (11 of 22) were due to S. pneumoniae.

Forty-nine percent of the meningococcal infections reported in 1980 occurred in children ranging in age from 10 days to one year of age. Serogroup B continued to predominate (64 percent) with Serogroups C (21 percent), A, Y, and Z also identified.

Reports of salmonellosis in 1980 exceeded 1979's record total with 1,303 cases (5 deaths) reported. Cases ranged in age from newborn to 93 years, with the less-then-one-year age group predominating (17 percent).

The predominating serotypes were unchanged from 1979: S. typhimurium (52 percent), S. infantis (7 percent), S. heidelburg (5 percent), and S. newport (3 percent).

One of the first major S. hadar outbreaks to occur in the United States was investigated in northern Virginia. Sixty-six cases resulted from the consumption of a contaminated turkey that was served in a public restaurant.

Unlike salmonella cases, the predominating age group for 1980's shigellosis cases was the 5-9 year age group (17 percent). S. sonnei continued to predominate accounting for 88 percent of the 198 cases.

Four outbreaks of S. sonnei were investigated in 1980, and involved a total of 103 people. The largest outbreak involved 67 cases and was related to contact with a fast food restaurant in southwest Virginia.

Five of 1980's nine typhoid fever cases were related to foreign travel. Three elderly typhoid carriers were also identified.

In 1980 the surveillance of campylobacter infections was instituted, with 46 cases identified.

Ten outbreaks of foodborne illness (567 cases) were investigated. The largest outbreak resulted in 137 cases of S. typhimurium in elementary school students and their contacts. The vehicle was thought to be turkey or chicken served in the school cafeteria.

Three foodborne outbreaks (123 cases) were due to staphylococcal contamination of ham or turkey. Hepatitis A (10 cases), a Bacillus species (84 cases), C. perfringens (22 cases), and S. sonnei (38 cases) were other causative agents identified in outbreak investigations. Improper food storage was the most frequently identified contributing factor in foodborne outbreaks.

Hepatitis A (infectious) cases reported in 1980 ranged in age from 6 months to 94 years, with most cases in the 20 to 40 year age groups (57 percent). Of the cases for which a history was available, 23 percent gave a history of contact with a hepatitis case within 2-6 months of onset of symptoms, and 17 percent had dental work within the same period. Only one percent was associated with a day care situation.

Three hepatitis A outbreaks were investigated in 1980, the largest (12 cases) resulted from an infected foodhandler working in a private country club kitchen.

The predominate age groups for hepatitis B (serum) cases reported in 1980 were the 20-24 year age group (25 percent) and the 25-29 year age group (21 percent). Of the 520 cases for which a history was available, 12 percent had a known or suspected history of intravenous drug use, 18 percent had dental work and 3 percent had a history of transfusion. Nine percent of the cases for which a history was known were employed in a health related field (14 percent in a dental field, 86 percent in a hospital setting).

Surveillance of non-A, non-B hepatitis began in 1980. Such cases had previously been included in the "unspecified" viral hepatitis category. Seven of the twenty-nine cases had a history of transfusion.

Only five cases of human brucellosis were identified in 1980. Of the five, two were non-abattoir associated. In one of these two, the owner of a cattle herd was quarantined for brucellosis.

Seventy percent of the 96 cases of Rocky Mountain spotted fever reported in 1980 gave a history of tick bite or attachment. The one fatal case occurred in a twenty-one year old woman with no known tick bite or attachment. Eighty-two percent of the cases exhibited a rash, two-thirds of which had a rash on the palms or soles.

Animal rabies case reports continued a gradual increase that began in 1978. Skunks predominated accounting for 20 of the 35 positive animals.

Malaria continued its dramatic rise in 1980 with the greatest number of cases reported since 1970. Sixty-six percent of the 65 cases were in citizens of Southeast Asia, and 15 percent in citizens of India.

P. vivax continues to predominate accounting for 79 percent of the cases, with P. falciparum accounting for 14 percent and P. ovale for 2 percent. The species was not identified in the remaining cases.

Sixty-three percent of the cases had not received malaria chemoprophylaxis.

Two cases of leprosy (1 lepromatous, 1 tuberculoid) were reported in refugees from Vietnam.

Reyes Syndrome cases reported in 1980 ranged in age from 6 months to 15 years. The preceding infection was known or suspected for 6 of the 23 cases, 1 suspected to be influenza B, and 5 chickenpox. There were 3 deaths.

The 14 cases of Kawasaki's Disease reported in 1980 also ranged in age from 6 months to 15 years. Males predominated (71 percent). There were no deaths.

Legionnaire's Disease cases ranged in age from 4 to 78 years. Of the 19 reported cases (3 deaths), 6 had a history of an underlying illness, and 8 were smokers.

Twelve outbreaks of nosocomial (hospital-acquired) illness were reported in 1980. The largest outbreak involved 130 residents and employees of a rehabilitation center and was due to A/Brazil influenza.

Toxic Shock Syndrome surveillance was instituted in 1980 with eight cases (no deaths) identified. Cases ranged in age from 16 to 31 years and all were tampon users.

TUBERCULOSIS

In 1980, there were 652 new, active cases verified as compared with 747 in 1979. The 1980 new case rate is 12.3, a drop from 12.6 in 1979. For the second year in a row, the Virginia new case rate equaled the National rate. Prior to 1979, Virginia's rate had always exceeded the USA rate. After being in the top ten states with the highest tuberculosis case rates since 1900, Virginia now ranks below nineteenth.

Tuberculosis, in Virginia, continues to be a disease affecting older males. A number of cases in the under 15 category represents new disease imported into the Commonwealth, much by way of the Southeast Asian refugees. Virginia has a refugee health screening program which screens each new arrival for tuberculosis.

NEW, ACTIVE TUBERCULOSIS CASES BY AGE, RACE, AND SEX
VIRGINIA, 1980

Age	Total	White		Black		Asian*		Other**	
		Male	Female	Male	Female	Male	Female	Male	Female
TOTAL	652	175	98	173	101	48	44	6	7
0-4	24	8	1	5	4	2	2	1	1
5-14	11		1	2	2	4	2		
15-24	50	3	3	10	12	10	10	1	1
25-44	134	22	19	27	21	23	17	1	4
45-64	201	56	28	74	25	6	11		1
65+	232	86	46	55	37	3	2	3	

*Of this category, 56 (34 males + 22 females) were refugees.
**These are predominately Filipino and Korean.

TABLE 56 - TUBERCULOSIS CASES UNDER SUPERVISION AND NEWLY REPORTED CASES WITH RATES PER 100,000 POPULATION BY RACE BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE, VIRGINIA, 1980

Planning District/ City or County	Total Cases Under Supervision	Newly Reported Cases					
		Total		White		Nonwhite	
		No.	Rate	No.	Rate	No.	Rate
STATE OF VIRGINIA	783	652	12.2	273	6.5	379	33.9
District 1	16	13	13.0	13	13.3		
Lee	8	7	27.0	7	27.1		
Scott	1						
Wise	6	5	11.4	5	11.7		
Norton	1	1	21.0	1	22.4		
District 2	17	19	13.6	18	13.1	1	46.4
Buchanan	9	9	23.7	9	23.8		
Dickenson	3	4	20.2	3	15.2	1	751.9
Russell	2						
Tazewell	3	6	11.9	6	12.2		
District 3	27	27	14.9	26	14.8	1	19.6
Bland	1	1	15.8	1	16.3		
Carroll							
Grayson		1	6.0	1	6.2		
Smyth	4	5	15.0	5	15.3		
Washington	10	10	21.5	10	22.0		
Wythe	3	2	7.8	2	8.1		
Bristol	9	8	42.0	7	39.3	1	80.7
Galax							
District 4	13	10	7.1	7	5.2	3	44.2
Floyd		1	8.6	1	9.0		
Giles	1						
Montgomery	7	4	6.3	3	5.0	1	33.6
Pulaski	3	3	8.5	2	6.0	1	49.6
Radford	2	2	15.1	1	8.2	1	102.6
District 5	34	25	9.9	17	7.6	8	27.0
Alleghany		1	7.0	1	7.2		
Botetourt	1	1	4.3	1	4.5		
Craig	3	2	50.7	2	50.8		
Roanoke	3	3	4.1	3	4.2		
Clifton Forge							
Covington	1	1	11.0	1	12.8		
Roanoke City	22	12	11.9	5	6.4	7	30.8
Salem	4	5	20.9	4	17.6	1	84.2
District 6	21	18	8.6	13	6.6	5	46.5
Augusta	9	5	9.3	4	7.8	1	44.4
Bath	1	1	17.1			1	173.6
Highland							
Rockbridge	2	4	22.3	4	23.1		
Rockingham	6	3	5.3	2	3.6	1	94.2
Buena Vista							
Harrisonburg							
Lexington							
Staunton	2	4	18.3	3	15.5	1	39.0
Waynesboro	1	1	6.5			1	73.3
District 7	16	17	12.8	15	11.9	2	33.0
Clarke	1						
Frederick	4	2	5.9	2	6.0		
Page	6	9	46.4	8	42.5	1	176.1
Shenandoah	2	3	10.9	3	11.1		
Warren	1	1	4.7	1	5.0		
Winchester	2	2	9.9	1	5.5	1	51.2
District 8	177	114	10.3	31	3.2	83	56.0
Arlington	63	43	28.2	11	8.7	32	120.9
Fairfax	62	40	6.7	16	3.0	24	35.5
Loudoun	7	2	3.5	2	3.9		
Prince William	15	9	6.2			9	57.1
Alexandria	29	19	18.4	2	2.7	17	59.7
Fairfax City	1						
Falls Church		1	10.5			1	149.5
Manassas							
Manassas Park							
District 9	9	6	6.5	3	3.9	3	18.3
Culpeper	1	1	4.4	1	5.6		
Fauquier	7	5	13.9	2	6.7	3	50.9
Madison							
Orange	1						
Rappahannock							
District 10	10	12	8.4	6	5.2	6	22.1
Albemarle	4	2	3.9	1	2.2	1	16.1
Fluvanna							
Greene							
Louisa	2	2	11.2	1	8.4	1	17.0
Nelson		3	24.6	2	21.6	1	34.0
Charlottesville	4	5	11.1	2	5.5	3	35.5
District 11	15	14	7.2	7	4.5	7	18.5
Amherst	3	3	10.3			3	48.4
Appomattox							
Bedford	1	1	2.9	1	3.2		
Campbell	1	1	2.2	1	2.6		
Bedford City							
Lynchburg	10	9	13.5	5	9.9	4	24.4
District 12	18	20	8.3	15	8.2	5	8.5
Franklin	3	3	8.4	3	9.6		
Henry	3	4	6.9	4	9.1		
Patrick							
Pittsylvania	7	7	10.6	4	8.7	3	14.9
Danville	1	1	2.2	1	3.1		
Martinsville	4	5	27.5	3	24.3	2	34.5
District 13	7	7	8.5	3	6.4	4	11.2
Brunswick		1	6.4	1	15.1		
Halifax	3	2	6.6	1	5.5	1	8.2
Mecklenburg	3	3	10.2			3	25.2
South Boston	1	1	14.1	1	22.3		
District 14	6	4	4.8	2	4.0	2	6.0
Amelia							
Buckingham	1						
Charlotte	1	1	8.2			1	21.1
Cumberland	1	1	12.7	1	22.4		
Lunenburg	2						
Nottoway		1	6.8			1	17.3
Prince Edward	1	1	6.1	1	9.8		
District 15	102	74	11.7	32	7.1	42	23.1
Charles City Co.							
Chesterfield	9	4	2.8	3	2.4	1	6.4
Goochland	2	4	34.0	3	40.2	1	23.2
Hanover	11	6	11.9	5	11.5	1	14.7
Henrico	22	15	8.3	8	5.3	7	23.7
New Kent	2	1	11.4			1	41.6
Powhatan							
Richmond City	56	44	20.1	13	12.4	31	27.1
District 16	6	8	6.7	6	6.2	2	8.9
Caroline	1	2	11.2	2	20.2		
King George							
Spotsylvania							
Stafford	3	2	4.9	2	5.4		
Fredericksburg	2	4	26.1	2	16.5	2	61.9
District 17	6	6	14.7	3	11.3	3	20.9
Lancaster							
Northumberland	2	1	10.2			1	30.1
Richmond	3	4	57.5	2	42.4	2	89.6
Westmoreland	1	1	7.1	1	11.6		
District 18	6	5	8.3	2	4.6	3	17.9
Essex	1						
Gloucester	2	1	5.0			1	31.1
King and Queen							
King William	1	2	21.4	1	16.8	1	29.5
Mathews	1	1	12.5			1	69.3
Middlesex	1	1	13.0	1	18.3		
District 19	35	33	20.4	7	7.5	26	38.2
Dinwiddie	4	5	22.1	1	7.8	4	41.1
Greensville	3	1	9.2			1	16.1
Prince George	1	1	3.9			1	11.4
Surry	5	2	33.1			2	52.9
Sussex	5	9	82.8	2	47.2	7	105.4
Colonial Heights	2	2	12.1	2	12.4		
Emporia							
Hopewell	8	5	21.4	2	10.9	3	60.4
Petersburg	7	8	19.5			8	31.2
District 20	167	149	17.7	32	5.5	117	43.9
Isle of Wight	4	6	27.8	3	23.7	3	33.5
Southampton	13	13	69.4	3	31.0	10	110.3
Chesapeake	13	12	10.5	4	4.9	8	24.2
Franklin City	4	1	13.7			1	24.6
Norfolk	62	56	21.0	9	5.5	47	44.9
Portsmouth	41	26	24.9	5	8.9	21	43.4
Suffolk	13	15	31.5	2	8.1	13	56.8
Virginia Beach	17	20	7.6	6	2.6	14	39.5
District 21	47	51	14.8	6	2.5	45	41.6
James City Co.	3	3	13.2			3	44.6
York	1						
Hampton	17	15	12.2	3	3.8	12	27.1
Newport News	25	30	20.7	3	3.1	27	55.1
Poquoson							
Williamsburg	1	3	30.4			3	240.8
District 22	19	12	26.1	4	14.8	8	42.4
Accomack	17	9	28.8	3	15.2	6	52.1
Northampton	2	3	20.5	1	13.8	2	27.2
Mental Hospitals	3	3		2		1	
Military Hospitals	6	5		3		2	

TABLE 57

REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE

VIRGINIA, 1980

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	24,811	1,558	584	415	559	23,246	7
District 1	72	4	2		2	68	
Lee	12	1	1			11	
Scott	31					31	
Wise	24	3	1		2	21	
Norton	5					5	
District 2	47	5	2	3		42	
Buchanan	16	1		1		15	
Dickenson	3					3	
Russell	5	1	1			4	
Tazewell	23	3	1	2		20	
District 3	196	10	4	2	4	186	
Bland	1					1	
Carroll	7	1	1			6	
Grayson	4	1	1			3	
Smyth	52	3	1		2	49	
Washington	27	1		1		26	
Wythe	22					22	
Bristol	79	3	1	1	1	76	
Galax	4	1			1	3	
District 4	122	17	12	4	1	105	
Floyd	7	2	1		1	5	
Giles	1					1	
Montgomery	42	13	10	3		29	
Pulaski	42	2	1	1		40	
Radford	30					30	
District 5	880	70	29	25	16	810	
Alleghany	3	1	1			2	
Botetourt	20	3	3			17	
Craig	3	1	1			2	
Roanoke	47	10	2	5	3	37	
Clifton Forge	9	1	1			8	
Covington	10					10	
Roanoke City	748	53	21	20	12	695	
Salem	40	1			1	39	
District 6	225	7	2	1	4	218	
Augusta	43	1		1		42	
Bath	6	2	1		1	4	
Highland							
Rockbridge	10	1	1			9	
Rockingham	36	2			2	34	
Buena Vista							
Harrisonburg	43					43	
Lexington	3					3	
Staunton	67	1			1	66	
Waynesboro	17					17	
District 7	164	8	1		7	156	
Clarke	17	1			1	16	
Frederick	25					25	
Page	7	2			2	5	
Shenandoah	16					16	
Warren	25	2	1		1	23	
Winchester	74	3			3	71	
District 8	2,663	346	100	62	184	2,316	1
Arlington	518	111	25	23	63	407	
Fairfax	524	68	17	14	37	456	
Loudoun	140	7	1	1	5	133	
Prince William	118	12	5	2	5	106	
Alexandria	1,088	97	44	18	35	991	
Fairfax City	75	24	4	2	18	51	
Falls Church	107	24	4	1	19	82	1
Manassas	90	3		1	2	87	
Manassas Park	3					3	
District 9	193	7	1	3	3	186	
Culpeper	54	1			1	53	
Fauquier	53	4	1	3		49	
Madison	32	2			2	30	
Orange	50					50	
Rappahannock	4					4	
District 10	487	33	13	16	4	454	
Albemarle	66	7	3	3	1	59	
Fluvanna	29	7	2	4	1	22	
Greene	46					46	
Louisa	52	1	1			51	
Nelson	25	2		1	1	23	
Charlottesville	269	16	7	8	1	253	
District 11	709	11		5	6	698	
Amherst	85	2		1	1	83	
Appomattox	30					30	
Bedford	41	3		3		38	
Campbell	67	2		1	1	65	
Bedford City	30	1			1	29	
Lynchburg	456	3			3	453	

(continued)

TABLE 57
REPORTED CASES OF VENEREAL DISEASE, BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1980 (continued)

Planning District/ City or County	Total Diseases	Total Syphilis	Primary and Secondary	Early Latent	Other Syphilis	Gonorrhea	Other Diseases
STATE OF VIRGINIA	24,811	1,558	584	415	559	23,246	7
District 12	669	27	6	5	16	642	
Franklin	24	2			2	22	
Henry	149	6	1	2	3	143	
Patrick	8					8	
Pittsylvania	173	4	2		2	169	
Danville	220	10	2	2	6	210	
Martinsville	95	5	1	1	3	90	
District 13	299	24	11	4	9	275	
Brunswick	106	5	3		2	101	
Halifax	77	6	1	2	3	71	
Mecklenburg	71	12	7	2	3	59	
South Boston	45	1			1	44	
District 14	183	9	1	1	7	174	
Amelia	20					20	
Buckingham	48	1			1	47	
Charlotte	21					21	
Cumberland	13	4	1		3	9	
Lunenburg	18	3		1	2	15	
Nottoway	29					29	
Prince Edward	34	1			1	33	
District 15	4,143	279	102	91	86	3,863	1
Charles City Co.	27	1			1	26	
Chesterfield	164	16	8	4	4	148	
Goochland	35	1			1	34	
Hanover	110	7	2	4	1	103	
Henrico	306	20	8	4	8	286	
New Kent	20					20	
Powhatan	58	9	1	4	4	49	
Richmond City	3,423	225	83	75	67	3,197	1
District 16	220	33	8	7	18	187	
Caroline	49	10	3	2	5	39	
King George	16	2			2	14	
Spotsylvania	38	3		1	2	35	
Stafford	35	4			4	31	
Fredericksburg	82	14	5	4	5	68	
District 17	168	6	1	1	4	162	
Lancaster	41					41	
Northumberland	26					26	
Richmond	20	2			2	18	
Westmoreland	81	4	1	1	2	77	
District 18	170	15	4	2	9	155	
Essex	29	2		1	1	27	
Gloucester	42	2	1		1	40	
King and Queen	38	2	1		1	36	
King William	33	4	1		3	29	
Mathews	4	1			1	3	
Middlesex	24	4	1	1	2	20	
District 19	1,130	79	28	25	26	1,051	
Dinwiddie	71	7	2	3	2	64	
Greensville	33	3	3			30	
Prince George	27	3	1		2	24	
Surry	66	2	1	1		64	
Sussex	49	5	2		3	44	
Colonial Heights	21	4		2	2	17	
Emporia	44	4	1	2	1	40	
Hopewell	73	6	1	2	3	67	
Petersburg	746	45	17	15	13	701	
District 20	8,733	399	189	103	107	8,331	3
Isle of Wight	164	6	3	2	1	158	
Southampton	167	7			7	160	
Chesapeake	766	35	10	11	14	731	
Franklin City	125	4	1		3	121	
Norfolk	4,363	243	123	62	58	4,117	3
Portsmouth	1,839	79	42	23	14	1,760	
Suffolk	508	11	6	4	1	497	
Virginia Beach	801	14	4	1	9	787	
District 21	2,968	152	65	47	40	2,815	1
James City Co.	48	4	1	3		44	
York	78	3		1	2	75	
Hampton	914	43	10	20	13	870	1
Newport News	1,745	95	52	20	23	1,650	
Poquoson	8					8	
Williamsburg	175	7	2	3	2	168	
District 22	370	17	3	8	6	352	1
Accomack	223	14	2	6	6	208	1
Northampton	147	3	1	2		144	

TABLE 58
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1980

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis			Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Tetanus	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
					Type A	Type B	Type Unspecified													
STATE OF VIRGINIA	63	188	5	483	310	520	169	65	339	67	87	10	42	1,303	198	3	2	1	9	95
District 1		3		3	11	3	3			2			1	12	6					
Lee							1						1	1						
Scott		2		3						2				3						
Wise		1			11	3	2							8	6					
Norton*																				
District 2	1	1		5	7	2	2			1	2			8	73					
Buchanan	1			4											2					
Dickenson				1										1						
Russell					1		2								56					
Tazewell		1			6	2				1	2			7	15					
District 3		11		4	12	8	10			3	1		1	15	5					2
Bland							1						1							1
Carroll					5	2	1							1						
Grayson														2						
Smyth		9			4	1	2			1				6	2					
Washington		2		4	2	5	5			2				2	3					1
Wythe					1		1				1			4						
Bristol*																				
Galax*																				
District 4		4		9	7	8	5						6	7	2				1	3
Floyd					1								5	2						
Giles				1	2		1								1					
Montgomery		2		8	1	3	1						1	2	1				1	1
Pulaski		2			3	5	3							3						2
Radford*																				
District 5	3	17		36	17	28	18	1		5	7		15	33	37	1				5
Alleghany					1	2	4							5						2
Botetourt				1	2		1			1	1			4	8					
Craig					1									1						
Roanoke	2	3		7	5	6	5	1			2		10	14	9					2
Clifton Forge*																				
Covington*																				
Roanoke City	1	14		28	8	20	8			4	4		5	9	20	1				1
Salem*																				
District 6	3	12		15	4	15	3	2	1	3		1		38	2					2
Augusta	2	10		14	3	9	1	1	1	1		1		16	1					1
Bath						1								1						
Highland*																				
Rockbridge		2			1			1						6	1					1
Rockingham	1			1		5	2			2				15						
Buena Vista*																				
Harrisonburg*																				
Lexington*																				
Staunton*																				
Waynesboro*																				
District 7	2	2			6	6	2		20			2		70	1					5
Clarke					1		1							2						1
Frederick	2				3	2	1		5					42						2
Page						2								11						2
Shenandoah		2			1							2		9						
Warren					1	2			15					6	1					
Winchester*																				
District 8	24	20		88	90	133	45	45	32	8	10	4	2	197	48		2	1	6	6
Arlington	3	1		4	24	17	5	18	1	1	1		1	32	10					
Fairfax	16	18		41	37	73	22	22	23	5	9	2	1	109	28		2	1	5	5
Loudoun	1			1	4	1			1					8						
Prince William	1	1		5	14	19	8	5	7			1		34	5					1
Alexandria	3			37	11	23	10			2		1		15	5				1	
Fairfax City*																				
Falls Church*																				
Manassas*																				
Manassas Park*																				
District 9	1	4		4	3	4	4		16	3			4	10						5
Culpeper				4		1	1						4	1						
Fauquier		4			2	2	1		7	1				6						2
Madison	1													1						
Orange					1	1	2			2				2						3
Rappahannock									9											
District 10	2	6		14	8	11	5	1	2	1	1			50	2					7
Albemarle				2	3	3	4		1	1	1			11						1
Fluvanna								1						7						1
Greene														1						
Louisa		1				1			1					4						1
Nelson		1			2									3						1
Charlottesville	2	4		12	3	7	1							24	2					3

*Included with surrounding county.

(continued)

TABLE 58
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1980 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis			Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Tetanus	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
					Type A	Type B	Type Unspecified													
STATE OF VIRGINIA	63	188	5	483	310	520	169	65	339	67	87	10	42	1,303	198	3	2	1	9	96
District 11	5	3	1	64	7	23	2		13	7	4			26	3					3
Amherst	3					2				1				1						
Appomattox			1	26	2					1	1			1						
Bedford	1	1		3	1	2	1			1				9	1					2
Campbell				3		5			4	1				5						
Bedford City*																				
Lynchburg	1	2		32	4	14	1		9	3	3			10	2					1
District 12		9		20	9	5	7	2		2	12		1	55	4					7
Franklin		1		2	1		1							5						1
Henry		2		3	2		4			1	1		1	25						3
Patrick						1	1							1						
Pittsylvania		1		6	3	4		2		1				8	1					2
Danville		5		9	3		1				11			16	3					1
Martinsville*																				
District 13	1	6		6	4	5	2		75	1			1	27					1	4
Brunswick		1			2	1								13						1
Halifax		1		4		3	2		74					10					1	2
Mecklenburg	1	4		2	2	1			1	1			1	4						1
South Boston*																				
District 14	2	3			2	4	2			1	11			30						7
Amelia						1								4						1
Buckingham										1	6			2						
Charlotte					1	1	1													
Cumberland											1									2
Lunenburg					1									2						
Nottoway	1	1				1	1							7						2
Prince Edward	1	2				1					4			15						2
District 15	7	24		39	43	147	28	5	72	7	5		2	220	9				1	18
Charles City Co.				1										2	2					1
Chesterfield		2		4	19	7	8		14	1				16	1					6
Goochland					2	12	3		2					2						
Hanover		2		1	2	3	1		2					13						3
Henrico	1	16		7	4	20	5	3	33	2	3		1	23	1				1	2
New Kent				1	2	4														1
Powhatan						1	2							6						2
Richmond City	6	4		25	14	100	9	2	21	4	2		1	158	5					3
District 16		3		5	6	9	2			1	1			31	1	1				5
Caroline		1			1	2				1				9		1				
King George						1					1									
Spotsylvania		1			1	2								7						
Stafford		1		1	3		1							10						4
Fredericksburg				4	1	4	1							5	1					1
District 17		1		5	1	3	1				1	1		14						1
Lancaster		1		2		1								3						
Northumberland				3		1	1					1		3						
Richmond											1			2						
Westmoreland					1	1								6						1
District 18		3		4	1	5	3		1			1	1	10						6
Essex		1		2		1								7						1
Gloucester		1				2	2		1					2						1
King and Queen														1						2
King William		1		2		2														1
Mathews					1							1	1							1
Middlesex							1													
District 19	3	1	1	30	22	10	2		41	2	4		1	57						4
Dinwiddie				7	1	1								4						1
Greensville	1			2	3	1								12						1
Prince George					3	2	1		37		3			3						
Surry					1									3						
Sussex					12									2						
Colonial Heights*																				
Emporia*																				
Hopewell					1	1			1	1			1	4						1
Petersburg	2	1	1	21	1	5	1		3	1	1			29						1
District 20	4	46	3	72	35	56	11	6	3	13	18	1	2	263	4	1				3
Isle of Wight		1	3										1	12						
Southampton	1			1		1								10	1					
Chesapeake		6		4	8	5	1			1	2			19						1
Franklin City*																				
Norfolk	1	19		47	10	21	4	6	1	4		1	1	106	2	1				
Portsmouth	1	8		5	8	16	3			4	3			25						
Suffolk		1			1	2	1			1	2			30						1
Virginia Beach	1	11		15	8	11	2		2	3	11			61	1					1

*Included with surrounding county.

(continued)

TABLE 58
REPORTED CASES OF CERTAIN COMMUNICABLE DISEASES BY PLANNING DISTRICT AND CITY OR COUNTY OF RESIDENCE
VIRGINIA, 1980 (continued)

Planning District/ City or County	Amebiasis	Aseptic Meningitis	Brucellosis	Chickenpox	Hepatitis Type A	Hepatitis Type B	Hepatitis Type Unspecified	Malaria	Measles (Rubeola)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis	Shigellosis	Tetanus	Trichinosis	Tularemia	Typhoid Fever	Typhus Fever (Rocky Mountain Spotted Fever)
STATE OF VIRGINIA	63	188	5	483	310	520	169	65	339	67	87	10	42	1,303	198	3	2	1	9	96
District 21	5	9		60	12	30	12	3	63	7	10		4	95	1					3
James City Co.				9	1	1			5	1			1	15						
York		1		1	1		2		2		1		1	2						
Hampton	2	3		31	7	9	5	1	5	3	4		1	22						1
Newport News	3	5		19	3	20	4	2	51	3	5		1	56	1					2
Poquoson*																				
Williamsburg*																				
District 22					3	5							1	35						
Accomack					1	4							1	23						
Northampton					2	1								12						

*Included with surrounding county.

TABLE 59
REPORTED CASES AND DEATHS FROM CERTAIN COMMUNICABLE DISEASES WITH CASE RATES PER 100,000 ESTIMATED POPULATION
VIRGINIA, 1971-1980

Year	AMEBIASIS			BRUCELLOSIS			CHICKENPOX			DIPHTHERIA			HEPATITIS**			MEASLES (Rubeola)		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1971	172	3.6	0	17	0.4	0	N.A.	N.A.	1	0	0.0	0	1,639	34.8	N.A.	1,628	34.5	4
1972	191	4.0	0	30	0.6	0	1,020	21.4	2	0	0.0	0	1,185	24.9	N.A.	73	1.5	2
1973	87	1.8	0	10	0.2	0	1,367	28.4	0	1	*	0	736	15.3	N.A.	428	8.9	1
1974	179	3.6	0	27	0.6	0	669	13.6	2	0	0.0	0	823	16.8	N.A.	36	0.7	0
1975	99	2.0	0	52	1.0	0	1,155	23.3	3	0	0.0	0	845	17.0	N.A.	35	0.7	0
1976	97	1.9	0	28	0.6	0	1,146	22.8	3	0	0.0	0	743	14.8	N.A.	844	16.8	0
1977	73	1.4	1	37	0.7	0	784	15.3	0	0	0.0	0	803	15.6	N.A.	2,774	54.0	0
1978	35	0.7	0	6	0.1	0	1,076	20.9	5	0	0.0	0	769	14.9	N.A.	2,837	55.1	1
1979	49	0.9	0	17	0.3	0	963	18.3	2	1	*	0	938	17.8	N.A.	288	5.5	0
1980	63	1.2	1	5	0.1	0	483	9.0	1	0	0.0	0	999	18.7	N.A.	339	6.3	0

Year	MENINGOCOCCAL INFECTIONS			MENINGITIS (ASEPTIC)			MUMPS			PERTUSSIS			POLIOMYELITIS			ROCKY MOUNTAIN SPOTTED FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1971	51	1.1	5	69	1.5	N.A.	1,073	22.8	0	61	1.3	0	0	0.0	0	42	0.9	5
1972	45	0.9	8	208	4.4	N.A.	1,319	27.7	0	38	0.8	0	1	*	0	44	0.9	2
1973	49	1.0	7	162	3.4	N.A.	799	16.6	0	15	0.3	0	1	*	3	61	1.3	5
1974	43	0.9	7	63	1.3	N.A.	822	16.7	0	38	0.8	0	1	*	0	124	2.5	3
1975	24	0.5	6	116	2.3	N.A.	854	17.2	1	17	0.3	0	0	0.0	2	115	2.3	2
1976	44	0.9	[illegible]	53	1.1	N.A.	227	4.5	0	12	0.2	0	0	0.0	0	100	2.0	4
1977	39	0.8	5	202	3.9	N.A.	129	2.5	0	25	0.5	1	0	0.0	1	154	3.0	6
1978	73	1.4	9	193	3.7	N.A.	196	3.8	0	18	0.3	0	1	*	3	111	2.2	4
1979	87	1.7	15	266	5.1	N.A.	105	2.0	0	16	0.3	0	0	0.0	0	90	1.7	2
1980	67	1.3	8	188	3.5	N.A.	87	1.6	0	10	0.2	0	0	0.0	0	96	1.8	0

Year	RUBELLA			SALMONELLOSIS			SHIGELLOSIS			TETANUS			TULAREMIA			TYPHOID FEVER		
	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths	Cases	Case Rates	Deaths
1971	215	4.6	0	910	19.3	3	179	3.8	0	4	0.1	2	9	0.2	0	15	0.3	0
1972	67	1.4	0	938	19.7	2	450	9.4	0	4	0.1	1	18	0.4	1	9	0.2	0
1973	547	11.4	0	1,009	21.0	3	119	2.5	0	4	0.1	3	6	0.1	0	5	0.1	0
1974	67	1.4	0	546	11.1	1	213	4.3	0	4	0.1	3	4	0.1	0	2	*	0
1975	326	6.5	0	584	11.8	0	225	4.5	0	2	*	0	8	0.2	0	7	0.1	1
1976	247	4.9	0	559	11.1	2	127	2.5	0	1	*	0	3	0.1	0	6	0.1	0
1977	585	11.4	2	809	15.8	4	78	1.5	0	1	*	0	3	0.1	0	10	0.2	0
1978	247	4.8	0	990	19.2	3	142	2.8	0	1	*	1	5	0.1	0	4	0.1	0
1979	208	4.0	0	1,151	21.9	3	274	5.2	0	3	0.1	0	2	*	0	6	0.1	0
1980	42	0.8	0	1,303	24.4	3	198	3.7	0	3	0.1	0	1	*	0	9	0.2	0

N.A. = Not available
*Less than 0.5
**Cases include serum hepatitis

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